PROGRAM DÖKÜM EKİ

31

- Loader/Reklam
- Kasa Hırsızı
- Kaset Menüsü -II-
- Eprommer
- Games Suchen
- Graphic Demo
- Diskte File Silme ve Diski Toparlama
- Bulmaca Çöz

COMMODORE

Commodore'un Ücretsiz Ekidir

LOADER/REKLAM

BORA SİNC

REKLAMLI YÜKLEYİCİ

İşte size yüksek çözünürlük, grafik ve güzel bir müzik eşliğinde reklam yapma olanağı. En basit programlarınızda bile rahatlıkla kullanabileceğiniz bir program.

Sizde artık çok kısa bir programla başlangıç grafiği yapabileceksiniz. Program rahatlıkla anlaşabilmesi için programın içeriği yazılarla belirtilmiştir. Kullanımı çok rahat olan bu programın ayrıntılı açıklaması aşağıda belirtilmiştir.

Başlangıçta program isimleri istenmektedir. Burada vereceğinizi program adı yapmış olduğunuz reklamda ekrana çıkacak ve ismi belirtecektir.

Yazı bölümünde sağdan sola kayan 255 karakter tanımlayabilirsiniz. Daha sonra benimsediğiniz bu karakterler reklamınızda 20 kat büyüterek müzik eşliğinde çıkacaktır.

Programın öteki özelliğinden biride yazı ekranında müzik çalmasıdır. Ekranda yazılar gidip gelirken müzikte programınıza renk katacak.

Program diskette 17 block yer teşkil etmektedir. Yazmada üşengeçlik etmeyin. Yükleyicisi diskette 2 blok kaplamaktadır. Disketteki ismi isterseniz değiştirebilirsiniz.

Profesyonelliğe attığınız bu ilk adımla daha iyi programlar yapmanız dileğiyle...

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PROGRAM  : LOADER/REKLAM 0801 1887
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0801 : 25 08 34 08 9E 20 28 32  28
0809 : 31 30 30 29 20 57 52 49  1C
0811 : 54 54 45 4E 20 42 59 20  64
0819 : 42 4F 52 41 20 20 20 31  A6
0821 : 39 38 38 00 00 00 42 53  34
0829 : 43 20 43 52 55 4E 43 48  FD
0831 : 45 52 21 78 A9 34 85 01  4B
0839 : A2 00 BD 86 08 9D 3C 03  80
0841 : E8 D0 F7 A9 00 85 FB 85  E8
0849 : FC A5 2D A6 2E 85 FD 86  4C
0851 : FE A0 00 F0 04 B1 FD 91  A6
0859 : FB A9 0F A2 09 E4 FE D0  96
0861 : 02 C5 FD F0 13 A5 FD D0  DB
0869 : 02 C6 FE C6 FD A5 FB D0  05
0871 : 02 C6 FC C6 FB 4C 56 08  7A
0879 : AD 0D 08 AE 0E 09 85 FD  00
0881 : 86 FE 4C 3C 03 20 68 03  FA
0889 : 48 29 80 F0 14 68 29 7F  CC
0891 : AA BA 48 20 68 03 20 9C  EF
0899 : 03 68 AA CA 10 F3 4C 3C  1F
08A1 : 03 20 68 03 A8 68 AA 98  D8
08A9 : 20 9C 03 CA 10 FA 4C 3C  B4
08B1 : 03 78 A9 34 85 01 A0 00  C4
08B9 : B1 FB 85 02 A9 37 85 01  76
08C1 : A5 02 9D 00 04 29 0F 8D  B0
08C9 : 18 D4 8D 20 D0 E6 FB D0  88
08D1 : 02 E6 FC A5 FB D0 0B A5  F8
08D9 : FC D0 07 A9 37 85 01 4C  71
08E1 : 50 38 A5 02 60 85 02 78  22
08E9 : A9 34 85 01 A0 00 A5 02  D2
08F1 : 91 FD A9 37 85 01 A5 02  CD
08F9 : 9D 00 04 29 0F 8D 20 D0  3C
0901 : 8D 18 D4 E6 FD D0 02 E6  E8
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0908 : FE A5 02 60 01 08 A2 1C 7A
0911 : 08 0A 00 97 35 33 32 38 38
0919 : 30 2C 30 3A 97 35 33 32 07
0921 : 38 31 2C 30 3A 99 22 93 23
0929 : 22 00 48 08 14 00 99 22 4A
0931 : 08 0E 04 1D A4 8B CC 49 D2
0939 : 54 54 4C 45 20 C9 4E 54 A5
0941 : 52 4F 20 D6 31 2E 30 20 A3
0949 : 2D 20 D8 41 5A 49 43 49 B4
0951 : 20 20 22 00 70 08 1E 00 CA
0959 : 99 22 06 1D FF 98 C3 4F 9B
0961 : 44 49 4E 47 20 42 59 20 B0
0969 : C5 4C 45 4B 54 52 4F 42 A9
0971 : 4F 52 41 2E 2E 21 22 00 74
0979 : 9D 08 28 00 99 22 87 1D 68
0981 : 1D C3 4F 50 59 52 49 47 3A
0989 : 48 54 20 32 31 30 30 20 DF
0991 : C2 53 43 20 C9 4E 54 45 BD
0999 : 52 4E 41 54 49 4F 4E 41 B8
09A1 : 4C 20 21 22 00 D0 06 2D 8B
09A9 : 00 99 22 11 96 C4 49 53 7C
09B1 : 4B 20 49 43 49 4E 20 52 F3
09B9 : 45 4B 4C 41 4D 20 50 52 9B
09C1 : 4F 47 52 41 4D 49 20 20 50
09C9 : 2E 42 2E 53 2E 43 2E 20 04
09D1 : C9 4E 43 2E 20 22 3B 00 58
09D9 : FB 08 2F 00 99 D5 22 20 B5
09E1 : 20 20 C2 41 53 4C 41 4E 23
09E9 : 47 49 43 20 41 44 52 45 B4
09F1 : 53 49 20 44 49 53 4B 20 16
09F9 : 49 43 49 4E 20 24 30 38 54
0A01 : 30 31 22 00 45 09 32 00 B8
0A09 : 99 22 11 05 D2 45 4B 4C B5
0A11 : 41 4D 49 20 59 41 50 49 C3
0A19 : 4C 41 43 41 4B 20 50 52 9A
0A21 : 4F 47 52 41 4D 49 4E 20 69
0A29 : 41 44 49 4E 49 20 59 41 26
0A31 : 5A 49 4E 20 0B 20 FF 20 B9
0A39 : 20 20 49 4D 50 41 43 4B 18
0A41 : 45 44 3A 22 00 70 09 3C 9B
0A49 : 00 9F 31 2C 30 3A 99 A3 6D
0A51 : 38 29 3B 3A 84 31 2C 41 3A
0A59 : 24 3A 97 38 32 38 2C C3 A4
0A61 : 28 41 24 29 3A 81 54 B2 BE
0A69 : 31 A4 C3 28 41 24 29 00 BC
0A71 : 8B 09 48 00 97 38 32 38 87
0A79 : AA 54 2C C6 28 CA 28 41 2D
0A81 : 24 2C 54 2C 31 29 29 3A CB
0A89 : B2 54 00 C1 09 50 00 99 B4
0A91 : C7 28 31 33 29 22 11 1D 41
0A99 : CF 59 55 4E 55 4E 55 5A 06
0AA1 : 55 4E 20 49 53 4D 49 4E B0
0AA9 : 49 20 42 45 4C 49 52 54 3D
0AB1 : 49 4E 20 20 20 20 20 FF B1
0AB9 : C9 4E 43 2E 42 53 43 22 50
0AC1 : 3B 00 DE 09 5A 00 99 22 25
0AC9 : 20 20 22 3B 3A 84 31 2C CE
0AD1 : 42 24 3A 42 24 B2 C8 28 48
0AD9 : 42 24 2C 33 37 29 00 15 86
0AE1 : 0A 5B 00 41 B2 28 33 37 69
0AE9 : AB C3 28 42 24 29 29 AD 54
0AF1 : 32 3A 43 24 B2 22 20 22 97
0AF9 : 3A 81 54 B2 31 A4 41 3A 11
0B01 : 43 24 B2 43 24 AA 22 20 CC
0B09 : 22 3A 82 54 3A 43 24 B2 27
0B11 : 43 24 AA 42 24 00 37 0A 8C
0B19 : 5C 00 81 54 B2 31 A4 41 2A
0B21 : 3A 43 24 B2 43 24 AA 22 A0
0B29 : 20 22 3A 82 3A 42 24 B2 E5
0B31 : 43 24 AA C7 28 30 29 00 D3
0B39 : D6 5F 0A 5E 00 81 54 B2 D0
0B41 : 31 A4 C3 28 42 24 29 3A 19
0B49 : 97 31 33 33 39 32 AA 54 25
0B51 : 2C C6 28 CA 28 42 24 2C C1
0B59 : 54 2C 31 29 29 3A B2 54 4C
0B61 : 00 87 0A 5F 00 99 22 93 10
0B69 : 11 22 3B 3A 81 54 B2 30 87
0B71 : A4 33 39 3A 99 22 12 20 78
0B79 : 22 3B 3A 82 54 3A 58 B2 F6
0B81 : 30 3A 9E 31 34 36 31 38 C6
0B89 : 00 B1 0A 60 00 99 22 11 68
0B91 : 05 1D A2 92 D2 45 4B 4C 3D
0B99 : 41 4D 20 59 41 5A 49 4C 59
0BA1 : 41 52 49 4E 49 20 42 45 51
0BA9 : 4C 49 52 54 49 4E 22 00 49
0BB1 : D5 0A 61 00 99 22 08 1D E9
0BB9 : 8B D9 41 5A 49 20 42 49 0E
0BC1 : 54 49 4D 49 20 49 43 49 22
0BC9 : 4E 20 C6 37 22 00 09 0B 1C
0BD1 : 63 00 99 22 13 05 11 07 8B
0BD9 : 1D 99 CB 41 59 41 4E 20 F7
0BE1 : 58 41 5A 49 3A 20 4B 41 EF
0BE9 : 4C 41 4E 3A 22 32 35 35 A4
0BF1 : AB 5B 22 9D 02 20 FF 22 8A
0BF9 : 00 1C 0B 64 00 A1 41 24 B1
0C01 : 3A 8B 41 24 B2 22 22 A7 EA
0C09 : 31 30 30 00 2C 0B 65 00 0F
0C11 : 8B 41 24 B2 22 88 22 A7 DA
0C19 : 31 31 30 00 3E 0B 66 00 C5
0C21 : 8B 41 24 B2 C7 28 32 30 83
0C29 : 29 A7 31 30 36 00 59 0B 57
0C31 : 67 00 8B C6 28 41 24 29 C3
0C39 : B3 33 32 B0 C6 28 41 24 23
0C41 : 29 B1 39 36 A7 31 30 30 7D
0C49 : 00 68 0B 68 00 8B 58 B2 70
0C51 : 32 35 35 A7 31 30 30 00 B5
0C59 : 99 0B 69 00 9E 31 34 35 81
0C61 : 39 32 3A 99 22 13 22 A3 00
0C69 : 33 39 29 41 24 3A 97 31 80
0C71 : 33 35 36 38 AA 59 2C FF F2
0C79 : C2 28 31 30 36 33 29 3A B8
0C81 : 58 B2 58 AA 31 3A 89 39 1B
0C89 : 39 00 AF 0B 6A 00 8B 58 95
0C91 : B3 34 31 20 A7 20 41 B2 95
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0C99 : 33 32 3A 89 31 30 38 00  1B
0CA1 : C5 0B 6B 00 41 B2 C2 28  CC
0CA9 : 31 33 35 36 38 AA 20 58  B2
0CB1 : AB 34 31 29 29 00 D1 0B  D8
0CB9 : 6C 00 BB 58 B2 30 A7 39  D1
0CC1 : 39 00 EE 0B 6D 00 9E 31  CB
0CC9 : 34 36 30 36 3A 97 31 30  71
0CD1 : 32 34 2C 41 3A 58 B2 58  32
0CD9 : AB 31 3A 89 39 39 00 FF  3A
0CE1 : 0B 6E 00 97 31 33 35 36  04
0CE9 : 38 AA 58 2C 32 35 35 00  B4
0CF1 : 2F 0C 6F 00 99 22 11 9E  2E
0CF9 : F6 20 20 C4 49 53 4B 49  8F
0D01 : 4E 49 5A 49 20 C4 49 53  A8
0D09 : 4B 45 54 49 4E 49 5A 49  60
0D11 : 20 41 59 41 52 4C 41 59  90
0D19 : 49 4E 20 56 45 20 20 22  76
0D21 : 00 5F 0C 70 00 99 22 D3  DF
0D29 : D0 C1 C3 C5 20 54 55 53  24
0D31 : 49 4E 41 20 42 41 53 41  F4
0D38 : 52 41 4B 20 49 4D 50 41  C5
0D41 : 43 4B 49 20 43 41 4C 49  82
0D49 : 53 54 49 52 49 4E 20 22  2F
0D51 : 00 74 0C 71 00 A1 41 24  17
0D59 : 3A 8B 41 24 B3 B1 22 20  BF
0D61 : 22 A7 31 31 33 00 7F 0C  13
0D69 : 72 00 9E 31 34 36 34 30  CF
0D71 : 02 00 8A 41 80 0C E0 9F  89
0D79 : 00 00 41 00 84 50 7F 00  92
0D81 : 7F 00 7F 00 7F 00 7F 00  D6
0D89 : 7F 00 7F 00 7F 00 7F 00  DE
0D91 : 7F 00 7F 00 7F 00 7F 00  E6
0D99 : 7F 00 73 00 FF A9 01 A2  8C
0DA1 : 08 A0 00 20 BA FF AD 3C  D8
0DA9 : 03 A2 3D A0 03 20 BD FF  89
0DB1 : A9 00 A2 01 A0 11 20 D5  E2
0DB9 : FF 8E 56 10 8C 57 10 86  68
0DC1 : FD 84 FE A9 00 8D 0C 07  A0
0DC9 : A9 08 8D 0D 07 4C 56 04  B0
0DD1 : FC 8D 20 D0 29 0F 8D 18  27
0DD9 : D4 4C 23 04 A9 01 20 C3  C7
0DE1 : FF 20 CC FF 4C D0 05 4C  1B
0DE9 : 4F 41 44 45 52 2F 42 45  C5
0DF1 : 52 4E 41 A9 01 AB A2 08  E0
0DF9 : 20 BA FF A9 0C A2 4A A0  EC
0E01 : 04 20 BD FF A5 FB EA EA  40
0E09 : A5 FC EA EA A8 00 A2 08  79
0E11 : 85 FB 86 FC 20 C0 FF A2  22
0E19 : 01 20 C9 FF A9 FF 01 20  78
0E21 : D2 FF A9 08 20 D2 FF A2  3C
0E29 : 00 BD 00 06 20 D2 FF E8  33
0E31 : D0 F7 A2 00 BD 00 07 20  DE
0E39 : D2 FF E8 E0 0E D0 F5 A5  EB
0E41 : FC C5 FE 90 09 A5 FB C5  2B
0E49 : FD 90 03 4C B5 05 A0 00  DF
0E51 : 20 A1 05 B1 FB 85 8E C8  71
0E59 : B1 FB 20 AD 05 C5 8E D0  20
0E61 : 58 C8 20 A1 05 B1 FB 20  68
0E69 : AD 05 C5 8E D0 4B A5 FB  D2
0E71 : 85 14 A5 FC 85 15 20 8F  AA
0E79 : 05 20 96 05 B0 1A 20 87  40
0E81 : 05 C9 7F F0 13 A0 00 20  DF
0E89 : A1 05 B1 14 85 8E C8 B1  EF
0E91 : 14 20 AD 05 C5 8E F0 DE  14
0E99 : 20 87 05 20 C0 05 FF A0  38
0EA1 : 00 20 A1 05 B1 14 20 AD  52
0EA9 : 05 20 C0 05 20 8F 05 A5  6D
0EB1 : 14 85 FB A5 15 85 FC 4C  45
0EB9 : A1 04 A5 FB 85 14 A5 FC  CF
0EC1 : 85 15 20 8F 05 20 96 05  81
0EC9 : B0 27 20 87 05 C9 7F F0  84
0ED1 : 20 A0 01 20 A1 05 B1 14  B7
0ED9 : 85 8E C8 B1 14 20 AD 05  11
0EE1 : C5 8E D0 DE C8 20 A1 05  1B
0EE9 : B1 14 20 AD 05 C5 8E D0  BC
0EF1 : D1 20 87 05 09 80 20 C0  EB
0EF9 : 05 20 8F 05 A0 00 20 A1  61
0F01 : 05 B1 FB 20 AD 05 20 C0  E7
0F09 : 05 E6 FB D0 02 E6 FC A5  31
0F11 : FC C5 15 90 E7 A5 FB C5  6E
0F19 : 14 90 E1 A5 14 85 FB FF  00
0F21 : A5 15 85 FC 4C A1 04 38  A4
0F29 : A5 14 E5 FB 29 7F 60 E8  AF
0F31 : 14 D0 02 E6 15 60 A5 15  20
0F39 : C5 FE 90 04 A5 14 C5 FD  30
0F41 : 60 48 78 A5 01 05 8B 29  55
0F49 : F8 85 01 68 60 48 A5 8B  47
0F51 : 85 01 58 68 60 A9 01 20  12
0F59 : C3 FF 20 CC FF 4C E2 FC  A5
0F61 : 8D 20 D0 48 29 0F 8D 18  AD
0F69 : D4 CE 18 D4 68 4C D2 FF  79
0F71 : AD 00 08 AE 01 08 8D 0C  95
0F79 : 07 8E 0D 07 4C 56 04 A2  B8
0F81 : 00 8E 11 D0 BD 00 14 9D  8E
0F89 : 00 04 BD 00 15 9D 00 05  43
0F91 : BD 00 16 9D 00 06 BD 00  AF
0F99 : 17 9D 00 07 E8 D0 E5 60  CD
0FA1 : A2 22 08 34 08 9E 20 28  23
0FA9 : 32 31 30 30 29 20 49 4E  DB
0FB1 : 54 52 4F 20 49 4D 50 41  C9
0FB9 : 43 4B 45 52 2F 42 53 43  16
0FC1 : 20 27 38 38 02 00 FF 42  2F
0FC9 : 53 43 20 43 52 55 4E 43  BE
0FD1 : 48 45 52 21 78 A9 34 85  25
0FD9 : 01 A2 00 BD 86 08 8D 3C  7B
0FE1 : 03 E8 D0 F7 A9 00 85 FB  34
0FE9 : 85 FC A5 2D A6 2E 85 FD  E9
0FF1 : 86 FE A0 00 F0 04 B1 FD  10
0FF9 : 91 FB A9 0F A2 03 E4 FE  D8
1001 : D0 02 C5 FD F0 13 A5 FD  3E
1009 : D0 02 C6 FE C6 FD A5 FB  57
1011 : D0 02 C6 FC C6 FB 4C 56  5E
1019 : 08 AD 0D 08 AE 0E 08 85  E7
1021 : FD 86 FE 4C 3C 03 20 68  D8
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1028 : 03 48 29 80 F0 14 68 29  4E
1031 : 7F AA 8A 48 20 68 03 20  43
1038 : 9C 03 68 AA CA 10 F3 4C  5C
1041 : 3C 03 20 68 03 A8 68 E5  F7
1049 : AA 98 20 9C 03 CA 10 FA  98
1051 : 4C 3C 03 78 A9 34 85 01  E0
1059 : A0 00 B1 FB 85 02 A9 37  63
1061 : 85 01 A5 02 9D 00 04 29  4D
1069 : 0F 8D 18 D4 8D 20 D0 E6  CA
1071 : FB D0 02 E6 FC A5 FB D0  C0
1079 : 0B A5 FC D0 07 A9 37 85  56
1081 : 01 4C 4B 0B A5 02 60 85  D4
1089 : 02 78 A9 34 85 01 A0 00  9B
1091 : A5 02 91 FD A9 37 85 01  C8
1099 : A5 02 9D 00 04 29 0F 8D  88
10A1 : 20 D0 8D 18 D4 E6 FD D0  AE
10A9 : 02 E6 FE A5 02 80 13 00  02
10B1 : 8A A9 00 8D FF 0F 8D 00  70
10B9 : 10 4C 56 04 7F 00 7F 00  FB
10C1 : 7F 00 7F 00 7F 00 7F 00  16
10C9 : 7F 00 7F 00 7F 00 7F 00  1E
10D1 : 7F 00 7F 00 7F 00 7F 00  26
10D9 : 7F 00 7F 00 7F 00 7F 00  2E
10E1 : 7F 00 7F 00 7F 00 7F 00  36
10E9 : 7F 00 7F 00 7F 00 7F 00  3E
10F1 : 7F 00 7F 00 7F 00 7F 00  46
10F9 : 7F 00 7F 00 7F 00 7F 00  4E
1101 : 7F 00 7F 00 7F 00 7F 00  56
1109 : 7F 00 7F 00 7F 00 7F 00  5E
1111 : 7F 00 7F 00 7F 00 7F 00  66
1119 : 7F 00 7F 00 7F 00 54 00  C2
1121 : 8C 3C 42 99 A1 A1 99 42  A1
1129 : 3C 00 38 7C 6C C6 02 DE  C6
1131 : 9C 00 F8 CC F8 CC FE FE  95
1139 : FC 00 7C E6 C0 E6 FE FE  6E
1141 : 7C 00 F8 EC E6 EE FE FE  79
1149 : FC 00 F0 C0 F8 C0 02 FE  35
1151 : 83 00 FE F0 FC 03 F0 88  6F
1159 : 00 7C E0 EC E6 FE FE 7C  C8
1161 : 00 02 E6 85 FE E6 E6 E6  5D
1169 : 00 FE 02 38 02 FE 90 00  CA
1171 : 06 06 E6 E6 FE FE 7C 00  EB
1179 : E4 EC F8 F8 FC EE EE 00  33
1181 : 03 C0 02 FE 82 00 C6 EE  66
1189 : 02 FE 8B E6 E6 00 E6 E6  A2
1191 : F8 FE FE EE E6 00 7C 02  08
1199 : E6 A3 FE FE 7C 00 FC E6  7A
11A1 : E6 FE FC F0 F0 00 7C E6  32
11A9 : E6 EE FC FE 7E 00 FC E6  CF
11B1 : E6 FE FC EE EE 00 7C E0  D6
11B9 : 7C 0E FE FE FC 00 02 FE  B2
11C1 : 03 38 81 00 E6 02 E6 02  5F
11C9 : FE 81 00 E6 02 E6 83 7C  C3
11D1 : 7C 38 00 02 E6 90 FE FE  97
11D9 : EE C6 00 E6 E6 3C 3C FE  46
11E1 : E6 E6 00 E6 E6 FE 7C 02  74
11E9 : 38 84 00 7E 1C 38 70 02  7D

11F1 : FE 84 FF EA EA EE E6 05  5A
11F9 : EA 89 EE E6 EA EA 55 FF  9C
1201 : A9 A9 B9 99 05 A9 8C B9  64
1209 : 99 A9 A9 55 FF E1 70 38  CD
1211 : 1C 0E 07 FF 08 00 87 0E  B1
1219 : 1C 38 38 00 70 70 00 02  EE
1221 : 36 04 00 A3 66 66 FF 66  34
1229 : FF 66 66 00 18 3E 60 3C  62
1231 : 06 7C 18 00 62 66 0C 18  35
1239 : 30 66 46 00 3C 66 3C 38  06
1241 : 67 66 3F 00 38 38 18 30  B1
1249 : 03 00 8D 0E 1C 38 30 38  2A
1251 : 1C 0E 00 70 38 1C 0C 1C  4F
1259 : 38 70 08 4A 2C E0 07 34  63
1261 : 52 10 00 00 10 10 7C 10  4F
1269 : 10 05 00 82 1C 1C 38 03  D6
1271 : 00 81 7C 00 07 00 96 38  8C
1279 : 38 00 06 0E 1C 38 70 E0  FC
1281 : C0 00 7C E6 EE F6 FE FE  DE
1289 : 7C 00 38 78 38 38 02 FE  6E
1291 : 84 00 7C CE 1C 78 02 FE  9A
1299 : BE 00 7E 06 1C C6 FE FE  AA
12A1 : 7C 00 1C 3C 7C DC FE FE  55
12A9 : 1C 00 FE E0 FC 06 E6 FE  3B
12B1 : 7C 00 7C E0 FC E6 FE FE  69
12B9 : 7C 00 FE 0E 1E 3C 7C F8  5E
12C1 : F8 00 7C EE 7C EE FE FE  EF
12C9 : 7C 00 7C E6 7E 0E FE FC  90
12D1 : F8 00 00 38 38 00 38 38  A5
12D9 : 02 00 8D 18 00 00 18 18  D2
12E1 : 30 00 0E 18 30 60 30 18  8F
12E9 : 0E 02 00 82 7E 00 7E 02  2F
12F1 : 00 FF 70 18 0C 06 0C 18  61
12F9 : 70 00 3E 77 0E 1C 00 1C  E2
1301 : 1C 78 A9 33 8D 14 03 A8  03
1309 : 0A 8D 15 03 A9 7F 8D 0D  66
1311 : DC A9 01 8D 1A D0 A9 1B  B9
1319 : 8D 11 D0 A2 20 A9 00 9D  42
1321 : 3C 03 CA 10 F8 A2 00 A0  79
1329 : 0D 86 F9 84 FA A9 D7 8D  00
1331 : 3D 03 58 60 AD 19 D0 8D  14
1339 : 19 D0 EE 3C 03 AD 3C 03  92
1341 : 29 01 F0 0D A9 F1 8D 12  4D
1349 : D0 A9 C8 8D 16 D0 4C 80  EC
1351 : 0C A9 C2 8D 12 D0 AE 3D  71
1359 : 03 20 78 0C EA EA E0 CF  35
1361 : F0 03 8E 16 D0 8E 3D 03  B9
1369 : 4C BC FE A2 D7 8E 16 D0  13
1371 : 8E 3D AF 03 A2 00 A0 04  9F
1379 : 86 FB 84 FC A2 10 A0 00  EB
1381 : C8 B1 FB 88 91 FB C8 C0  CF
1389 : 28 D0 F5 A5 FB 18 69 28  C2
1391 : 85 FB A5 FC 69 00 85 FC  C3
1399 : CA D0 E3 A9 08 85 FC A0  DB
13A1 : 00 B1 F9 02 0A FF 85 FB  E7
13A9 : A5 FC 69 00 85 FC A2 27  40
13B1 : A0 04 86 FD 84 FE A9 00  9B
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13B9 : 85 02 A4 02 B1 FB AE 3E DB
13C1 : 03 3D 3A 0B DD 3A 0B F0 11
13C9 : 0B A9 20 8D 3F 03 8D 40 25
13D1 : 03 4C E7 0A AD 41 03 29 79
13D9 : 01 F0 05 A2 1D 4C E0 0A B4
13E1 : A2 1B 8E 3F 03 E8 8E 40 CF
13E9 : 03 A0 00 AD 3F 03 91 FD 40
13F1 : A0 28 AD 40 03 91 FD A5 19
13F9 : FD 18 69 50 85 FD A5 FE 44
1401 : 69 00 85 FE E6 02 A5 02 C5
1409 : C9 08 D0 AE EE 41 03 AD 41
1411 : 41 03 29 01 D0 23 AE 3E 9C
1419 : 03 E8 E0 08 D0 18 E6 F9 27
1421 : D0 02 E6 FA A0 00 FF B1 79
1429 : F8 C9 FF D0 08 A9 00 85 FA
1431 : F9 A9 0D 85 FA A2 00 8E D5
1439 : 3E 03 4C BC FE 80 40 20 D9
1441 : 10 08 04 02 01 00 0B 0C EB
1449 : 0F 01 0F 0C 0B 00 A9 00 76
1451 : 8D 20 D0 8D 21 D0 85 10 A3
1459 : A9 13 8D 18 D0 20 44 E5 DD
1461 : A2 00 A9 09 9D 00 D8 9D 07
1469 : 00 D9 9D 00 DA 9D 00 DB 0F
1471 : E8 D0 F1 20 00 0E A2 0C 55
1479 : 8E 23 D0 CA 8E 22 D0 A2 A9
1481 : 26 A9 1F 9D D0 06 9D 70 8C
1489 : 07 CA D0 F5 A9 00 8D 86 C6
1491 : 02 A2 14 A0 00 20 0C E5 FA
1499 : A5 10 A0 0C 20 1E AB A2 D7
14A1 : 00 A9 F0 85 A2 A5 A2 FF 44
14A9 : D0 FC A0 00 BD 43 0B 99 75
14B1 : 20 DB C8 C0 28 D0 F5 E8 BC
14B9 : E0 04 90 E6 E0 04 D0 08 1E
14C1 : A9 B0 85 A2 A5 A2 D0 FC 25
14C9 : E0 08 D0 D6 EE 45 03 AD 3D
14D1 : 45 03 C9 03 F0 09 A5 10 79
14D9 : 69 28 85 10 4C 8E 0B A2 64
14E1 : 14 A0 00 20 0C E5 A9 70 C1
14E9 : A0 0E 20 1E AB A5 CB C9 07
14F1 : 3C D0 FA 20 15 FD 20 5B D0
14F9 : FF 20 18 E5 20 A3 FD 4C 7B
1501 : 00 10 00 00 20 C2 55 20 B7
1509 : 50 52 4F 47 52 41 4D 20 E4
1511 : C2 CF D2 C1 20 D3 C9 CE 0D
1519 : C3 20 54 41 52 41 46 49 04
1521 : 4E 44 41 4E 20 20 20 20 6F
1529 : 83 31 30 30 00 07 20 98 41
1531 : 43 45 56 52 49 4C 44 49 91
1539 : 20 43 52 4B 52 20 C5 CC D0
1541 : C5 CB D4 D2 CF C2 CF D2 73
1549 : C1 05 20 81 00 20 25 2A AF
1551 : 83 00 8E 16 D0 03 CA A6 D8
1559 : 60 A2 00 BD D1 DA 9D D0 CE
1561 : DA E8 E0 28 D0 F5 AE 44 EC
1569 : 03 E8 BD A6 0C C9 FF D0 D5
1571 : 05 A2 FF 4C 90 0C 8E 44 7D
1579 : 03 8D F7 DA 4C D9 0C 03 66

1581 : 01 03 0F 03 0C 03 0B 03 33
1589 : 0C 03 0F 02 FF A8 4C 4B 28
1591 : 0B A9 C1 8D 18 03 A9 0C EB
1599 : 8D 19 03 A9 08 20 D2 FF 76
15A1 : A9 7E 20 D2 FF 60 A0 00 71
15A9 : A2 27 BD D0 DA 99 70 DB 5C
15B1 : C8 CA 10 F6 4C 9F 0E 0C D3
15B9 : 00 81 20 00 03 00 83 20 00
15C1 : 00 00 07 7F 00 7E 00 EB 3F
15C9 : A9 00 8D 04 D4 8D 0B D4 E6
15D1 : 8D 12 D4 A9 32 85 11 A9 B8
15D9 : 80 85 12 A9 20 8D 14 D4 3E
15E1 : A9 C8 8D 06 D4 8D 0D D4 AA
15E9 : A9 FF 85 13 A9 04 85 14 4F
15F1 : A9 00 85 15 A9 1F 8D 18 98
15F9 : D4 A9 08 8D 13 D4 A9 18 04
1601 : 8D 05 D4 8D 0C D4 A9 11 28
1609 : 8D 12 D4 A9 07 8D 0A D4 B8
1611 : A9 80 8D 09 D4 A9 F2 8D 00
1619 : 17 D4 A9 95 8D 16 D4 A9 E8
1621 : 05 8D 05 D4 8D 06 D4 20 65
1629 : C4 0C 4C 00 0A A9 0E 8D 48
1631 : 15 03 58 60 03 00 A8 96 EA
1639 : 20 49 4E 54 52 4F 20 40 BD
1641 : 20 32 31 30 30 20 42 53 80
1649 : 43 21 20 42 41 53 4C 41 D0
1651 : 4D 41 4B 20 49 43 49 4E 86
1659 : 20 D3 D0 C1 C3 C5 20 20 FA
1661 : 05 00 FF C6 14 F0 03 4C AC
1669 : 31 EA A9 02 85 14 A5 11 6C
1671 : 18 65 12 09 80 8D 0F D4 3C
1679 : 85 12 90 08 C6 11 D0 04 6D
1681 : A9 32 85 11 E6 15 A5 15 9F
1689 : 29 03 D0 2C E6 13 A6 13 B5
1691 : BD 01 0F 8D 01 D4 18 69 2E
1699 : 05 8D 07 D4 BD 61 0F 8D FF
16A1 : 08 D4 20 E0 0F A9 41 8D 96
16A9 : 0B D4 20 D0 0F E0 5F D0 58
16B1 : 04 A9 FF 85 13 4C 31 EA 69
16B9 : C9 02 D0 F9 A8 40 8D 0B DF
16C1 : D4 4C C1 0F FF A9 A9 51 A4
16C9 : A9 51 A9 A9 51 A9 A9 51 66
16D1 : A9 51 A9 A9 51 E7 E7 1F F5
16D9 : E7 1F E7 E7 1F E7 E7 1F 56
16E1 : E7 1F E7 FF E7 1F A9 A9 C3
16E9 : 51 A9 51 A9 A9 51 A9 A9 B7
16F1 : 51 A9 51 A9 A9 51 5A 5A E4
16F9 : B4 5A B4 5A 5A B4 5A 5A BC
1701 : B4 5A B4 5A 5A B4 A9 A9 A0
1709 : 51 A9 51 A9 A9 51 A9 A9 D7
1711 : 51 A9 51 A9 A9 51 42 42 73
1719 : 85 42 85 42 42 85 42 42 47
1721 : 85 42 85 42 42 85 03 03 D3
1729 : 07 03 07 03 03 07 03 03 4F
1731 : 07 03 07 03 03 07 02 02 51
1739 : 05 02 05 02 02 05 02 02 15
1741 : 05 02 05 02 02 05 03 03 23
```

```
1749 : 07 03 07 03 03 07 03 03  6F
1751 : 07 03 07 03 03 07 04 04  7D
1759 : 08 04 08 04 04 08 04 04  7F
1761 : 08 04 08 04 C8 04 08 03  C1
1769 : 03 07 03 07 03 03 07 03  FC
1771 : 03 07 03 07 03 03 07 03  04
1779 : 03 06 03 06 03 03 06 03  67
1781 : 03 06 03 06 03 03 06 A9  BD
1789 : 00 8D 04 D4 4C F1 0E 52  9D
1791 : FF FF 00 00 FF FF A9 80  38
1799 : 8D 04 D4 A9 81 8D 04 D4  D1
17A1 : 60 04 D4 60 FF FF 60 28  16
17A9 : FF FF 00 FF FF 39 07 FF  8E
17B1 : 0F 00 D5 A2 00 BD 00 10  98
17B9 : 9D 00 04 E8 D0 F7 4C 0E  8F
17C1 : 04 A2 00 A0 11 86 FB 84  69
17C9 : FC A0 08 86 FD 84 FE A9  38
17D1 : 36 85 01 A0 00 B1 FB 91  BF
17D9 : FD E6 FB D0 02 E6 FC E6  7B
17E1 : FD D0 02 E6 FE A5 FB CD  4C
17E9 : 56 04 D0 E7 A5 FC CD 57  9A
17F1 : 04 D0 E0 A5 FD 85 2D 85  16
17F9 : AE A5 FE 85 2E 85 AF A9  08
1801 : 37 85 01 20 59 A6 4C AE  93
1809 : A7 7F 00 29 00 A4 A2 00  45
1811 : BD 01 04 9D 00 04 E8 E0  83
1819 : 28 D0 F5 60 A2 26 BD 00  85
1821 : 04 9D 01 04 CA 10 F7 60  82
1829 : A2 00 A9 FF 9D 00 35 E8  B6
1831 : D0 F8 60 0A 00 C6 A2 00  97
1839 : 3E 11 D0 BD 00 30 9D 00  34
1841 : 08 BD 00 31 9D 00 09 BD  C8
1849 : 00 32 9D 00 0A BD 00 33  BF
1851 : 9D 00 0B BD 00 34 9D 00  81
1859 : 0C BD 00 35 9D 00 0D BD  74
1861 : 00 36 9D 00 0E BD 00 37  21
1869 : 9D 00 0F BD 00 38 9D 00  BA
1871 : 10 E8 D0 C7 20 BF 15 20  B8
1879 : 59 A6 4C 00 04 7F 00 02  79
1881 : 00 81 F0 00 03 00 00 FF  AE
```

KASA HIRSIZI

M.SAFA YEPREM

Hırsızlığın ne kadar kötü bir şey olduğunu hepimiz biliyoruz. Bu programda kötü de olsa hırsızlık yapacağız. Yani kasa soyacağız...

Programı BDE ile yazdıktan sonra kaset'e veya diskete kaydedin. Programı run ettikten sonra karşınıza bir giriş ekranı çıkacaktır. Joystick'i port 2'ye takıp, ekranda yazıldığı gibi düğmeye basın. Oyun başlayacaktır. Şimdi karşınıza alarmı geçici bir süre durdurulmuş bir kasa çıkacak. Kasanın şifresini çözmek için joystick'i çok dikkatli olmak üzere sağa veya sola çekmelisiniz. Şifre yerine oturduğunda, kasa kolunun üzerinde bir çizgi çıkacak. Bu çizgi çıktığında joystick'i biraz önce çevirdiğiniz yönün tam aksine doğru çevirin. Fakat çizgi çıktıktan sonra yine eski yönde çevirirseniz şimdiye kadar çözdüğünüz şifrelerin tümü kaybolacak. Kolun üzerindeki çizgiler dört tane olunca şifreyi çözdünüz demektir. Joystick düğmesine basarsanız, kasanın içindekilere sahip olursunuz. Eğer süre dolana kadar şifreyi çözemezseniz, polis tarafından yakalanıp 10 yıl ağır hapis cezasına katlanmak zorunda kalırsınız.

Bu ağır cezaya katlanmak istemiyorsanız elinizi çabuk tutmalısınız. Size iyi şanslar...

```
PROGRAM ADI : KASA HIRSIZI

00001 POKE 53280,0:POKE 53281,0                    (129)
00002 PRINT "{C=7}{CLR}{5DOWN}{12RIGHT}GR
      APHIC DEMO-5"                                (137)
00003 PRINT "{4DOWN}{4RIGHT}M.SAFA YEPREM
       TO HOBO SOFTWARE"                           (229)
00004 PRINT "{8DOWN}{4RIGHT}(C) 1988 YILI
      NDA YAPILMISTIR."                            (016)
00005 PRINT "{2DOWN}{RVSON}{CTRL-6}SPACE'
      E BASINIZ"                                   (227)
00006 GET T$:IF T$="" THEN 6                       (037)
00100 CRT=1024:HT=24:WD=40:PRINT "{CLR}"           (009)
00110 VIC=53248:POKE VIC+33,0                      (066)
00120 WIDTH=38:X=(WD-4-WI)/2+2:REM     +3          (014)
00130 HEIGHT=23:Y=(HT-HE)/2+1                      (160)
00140 C$="{HOME}{25DOWN}"                          (145)
00150 DIM CH$(22)                                  (121)
00160 FOR J=0 TO 22:READ CH$(J):NEXT J             (121)
00170 C1=1:C2=2:C3=3:C5=5:C7=7                     (028)
00180 RX=INT(RND(1)*WI/2)                          (181)
00190 RY=INT(RND(2)*HE/2+1)                        (142)
00200 CH$=CH$(INT(RND(1)*23))                      (133)
00210 PRINT LEFT$("{CTRL-2}{CTRL-3}{CTRL-
      4}{CTRL-5}{CTRL-6}{CTRL-7}{CTRL-8}{
      C=1}",RND(1)*8+1);                           (092)
00220 PRINT LEFT$(C$,Y+RY);TAB(X+RX);MID$
      (CH$,C1,C2);                                 (136)
00230 PRINT TAB(X+WI-RX-1);MID$(CH$,C3,C2
      )                                            (123)
00240 PRINT LEFT$(C$,Y+HE-RY+1);TAB(X+RX)
      ;MID$(CH$,C5,C2);                            (103)
00250 PRINT TAB(X+WI-RX-1);MID$(CH$,C7,C2
      )                                            (144)
00260 FOR L=1 TO 10*S                              (086)
00270 GET S$:IF S$="0" THEN END                    (021)
00280 IF S$="" THEN NEXT L                         (240)
00290 L=VAL(S$):IF L>0 OR S$="0" THEN S=9
      -L                                           (234)
00300 GOTO 180                                     (102)
00310 DATA "{RVSOFF}R{RVSON}R{RVSOFF}R{RV
      SON}R","{RVSON}R{RVSOFF}R{RVSON}R{R
      VSOFF}R"                                     (043)
00320 DATA "{RVSOFF}T{RVSOFF}T{RVSON}T{RV
      SON}T","{RVSON}T{RVSON}T{RVSOFF}T{R
      VSOFF}T"                                     (216)
00330 DATA "{RVSOFF}£{RVSOFF}£{RVSON}£{RV
      SON}£","{RVSON}£{RVSON}£{RVSOFF}£{R
      VSOFF}£"                                     (164)
00340 DATA "{RVSOFF}£{RVSOFF}£{RVSON}£{RV
```

```
      SON)₹",*<RVSON)₹<RVSON)£<RVSOFF)£<R
      VSOFF)₹"                                  (037)
00350 DATA "<RVSOFF)₫<RVSOFF)₣<RVSOFF)₵<R
      VSOFF)▽",*<RVSON)₫<RVSON)₣<RVSON)₵<
      RVSON)▽"                                  (091)
00360 DATA "<RVSOFF)₵<RVSOFF)▽<RVSOFF)▽<R
      VSOFF)₫",*<RVSON)₵<RVSON)▽<RVSON)₫<
      RVSON)₣"                                  (183)
00370 DATA "<RVSOFF)₣<RVSOFF)₫<RVSOFF)▽<R
      VSOFF)₵",*<RVSON)₣<RVSON)₫<RVSON)▽<
      RVSON)₵"                                  (049)
00380 DATA "<RVSOFF)▽<RVSOFF)₵<RVSOFF)₣<R
      VSOFF)₫",*<RVSON)▽<RVSON)₵<RVSON)₣<
      RVSON)₫"                                  (044)
00390 DATA "<RVSOFF)₥<RVSON)₥<RVSON)₥<RVS
      OFF)₥",*<RVSON)₥<RVSOFF)₥<RVSOFF)₥<
      RVSON)₥"                                  (237)
00400 DATA "<RVSOFF)<SHIFT-SPACE)<RVSOFF)
      <SHIFT-SPACE)<RVSOFF)<SHIFT-SPACE)<
      RVSOFF:<SHIFT-SPACE)",*<RVSON) <RVS
      ON) <RVSON) <RVSON) "                     (203)
00410 DATA "<RVSOFF)<SHIFT-SPACE)<RVSOFF)
      <SHIFT-SPACE)<RVSOFF)<SHIFT-SPACE)<
      RVSOFF)<SHIFT-SPACE)",*<RVSOFF)<SHI
      FT-SPACE)<RVSOFF)<SHIFT-SPACE)<RVSO
      FF)<SHIFT-SPACE)<RVSOFF)<SHIFT-SPAC
      E)"                                       (246)
00420 DATA "<RVSOFF)<SHIFT-SPACE)<RVSOFF)
      <SHIFT-SPACE)<RVSOFF)<SHIFT-SPACE)<
      RVSOFF)<SHIFT-SPACE)"                     (058)
```

KASET MENÜSÜ -II-

ÜMİT YAZAROĞLU

Eğer benim gibi dağınık birisi iseniz ve bu yüzden programlarınızın adlarını ve counter'larını not aldığınız kâğıtları sık sık kaybediyorsanız, hemen bu programı yazın ve kayıt edin. Çünkü bu program sizi bu not tutma derdinden kurtaracak. Nasıl mı? Tabii ki kasetlerinizin başına minik menüler hazırlamanıza yardımcı olarak. Program normal kaydedildiğinde 17-18 counter sürüyor. Fakat bunu Esra Turbo gibi turboları kullanarak daha aza indirebilirsiniz. Böylece hem zamandan ve hem de kasetten tasarruf etmiş olursunuz. Program, ekranın kaymaması için maximum 23 program kayıt edebiliyor. Siz eğer buna önem vermiyorsanız DIN (2,23)'ü değiştirerek arttırabilirsiniz.

Yeni bir kaset hazırlıyorsanız, bu programı kasetin en başına çekin ve arkasında bir miktar boşluk bırakın (Maximum 25 counter 23 program için) ve diğer programları çekin. Tabii bunların adlarını, başlangıç ve bitiş counterlerini geçici bir süre için not edin. İşiniz bittiğinde tekrar menü programınızı yükleyin ve RUN'layın. Bilgisayar size açıklama isteyip istemediğinizi soracaktır. "E"ye basarsanız size kısa bir açıklama verilir ve bir tuşa basmanız istenir. Herhangi bir tuşa basarak SEÇENEKLER bölümüne gelirsiniz. Eğer ilk başta "H"ye basarsanız doğrudan buraya geçersiniz.

"F1"e basın ve "menü hazırlama ve kayıt" bölümüne girin. Size kaç programlık menü hazırlanacağı sorulur. Burayı cevapladıktan sonra sıra programları ve counterları girmeye gelir. Sırasıyla program adını, başlangıç ve bitiş counter'larını girin. (Her birinden sonra RETURN'e basmayı unutmayın.) Programlar bittiğinde bilgisayar record'a basmanızı ister ve hazırladığınız menüyü kaydeder. Başka zaman hazırladığınız bu menüyü görmek için yine kaset menüsü programını yükleyin. Seçenekler bölümünde ise "F3"e basın. Bilgisayara menüyü yükleyip basacaktır. Daha sonra herhangi bir tuşa basıp programdan çıkabilirsiniz. (Bundan sonra menüyü tekrar yüklemeden göremezsiniz.)

Eğer daha önceden hazırlanmış bir kasete menü hazırlamak istiyorsanız, kasetinizin en başındaki programı başka bir yere nakledin ve yine yukarıdaki gibi yapın.

Şimdi de programın teknik açıklaması...

0005-0045 Arka ve ön plân rengi. Açıklama evet/hayır.

0050-0110 Seçeneklerin basılması ve seçime göre gereken yere gidilmesi.

0300-0600 Menünün hazırlanması ve kayıtı.

0600-0700 Menünün yüklenmesi ve basılması.

0700 Hafıza temizleme ve son.

1000-1030 Program adı vb.nin yazılması alt programı.

2000-2010 Klavye girişi alt programı.

2100-2160 Açıklamalar alt programı.

2300-2320 Ses alt programı.

```
PROGRAM ADI : KASET MENUSU

00005 POKE  53280,15:POKE  53281,15          (008)
00010 GOSUB  1000                            (282)
00020 PRINT "{DOWN}{C=1}{3SPACE}▯CIKLAMAL
      ARI GORMEK ISTERMISINIZ ?"             (043)
00030 GOSUB  2000                            (250)
00035 IF  C$<>"E"  AND  C$<>"H"  THEN  30    (252)
00040 IF  C$="E"  THEN  GOSUB  2100:GOTO
      50                                     (085)
00045 GOSUB  1000                            (081)
00050 PRINT "{CTRL-3}{3SPACE}{RVSON}▯SECEN
      EKLER:{RVSOFF}"                        (016)
00060 PRINT "{2DOWN}{C=1}{5SPACE}F1-▯MENU
      ▯HAZIRLAMA VE ▯KAYIT"                  (213)
00070 PRINT "{2DOWN}{5SPACE}F3-▯KASETTEN ▯
```

```
      ENU YUKLEME"                                  (089)
00060 GOSUB  2000                                   (044)
00080 IF  C$="(F1)"  THEN  GOTO  300                (189)
00100 IF  C$="(F3)"  THEN  GOTO  600                (096)
00110 GOTO  80                                      (088)
00300 PRINT "(CLR)(C=4) SAC PROGRAMLIK ME
      NU HAZIRLANACAK ? ":OPEN  1,8:R$=C
      HR$(44)                                       (094)
00310 INPUT#1,I                                     (190)
00315 IF  I>23  OR  I<=0 THEN  PRINT "(3L
      EFT)":GOTO  310                               (217)
00316 DIM  SA$(3,23):U=1                            (099)
00320 PRINT "(CLR)(CTRL-3)(RVSON) NO (C=1
      )(5SPACE)PRG.ADI(11SPACE)(C=4)(2SPA
      CE)COUNTER(3SPACE)(DOWN)"                     (192)
00330 FOR  N=1 TO I:X=INT(N/10):Y=X*10:Z=
      N-Y                                           (015)
00340 PRINT  N;"(LEFT)- ";                          (166)
00350 INPUT#1,A$                                    (238)
00360 A=LEN(A$)                                     (208)
00361 IF  N>=10  THEN  V=21-A                       (102)
00362 IF  N<10  THEN  V=22-A                        (066)
00365 FOR  SP=0 TO V:PRINT " ";:A$=A$+" "
      :NEXT                                         (132)
00370 INPUT#1,B$:PRINT "(LEFT)-";:INPUT#1
      ,B2$:PRINT                                    (102)
00375 IF  X=(N/10)  THEN  U=U+1                     (250)
00380 SA$(U,Z)=A$+B$+"-"+B2$                        (131)
00390 NEXT :CLOSE  1                                (147)
00395 PRINT "(4DOWN)(4SPACE)(RVSON)";               (089)
00400 OPEN  1,1,1,"UMIT"                            (249)
00410 PRINT#1,I;R$;U;R$                             (218)
00420 FOR  F=1 TO U:FOR  N=1 TO I:X=INT(N
      /10):Y=X*10:Z=N-Y:PRINT#1,SA$(F,Z);
      R$                                            (044)
00430 NEXT :NEXT :CLOSE  1                          (186)
00440 GOTO  700                                     (162)
00600 PRINT "(CLR)"                                 (090)
00620 OPEN  2,1,0,"UMIT"                            (095)
00630 INPUT#2,I,U:FOR  F=1 TO U:FOR  N=1
      TO I                                          (164)
00632 X=INT(N/10):Y=X*10:Z=N-Y                      (109)
00633 INPUT#2,SA$(F,Z):NEXT :NEXT :CLOSE
      2                                             (131)
00640 PRINT "(CLR)(CTRL-3)(RVSON) NO (C=1
      )(5SPACE)PRG.ADI(11SPACE)(C=4)(2SPA
      CE)COUNTER(3SPACE)(DOWN)"                     (002)
00650 F=1:FOR  N=1 TO I                             (013)
00655 X=INT(N/10):Y=X*10:Z=N-Y                      (132)
00656 IF  X=(N/10)  THEN  F=F+1                     (096)
00660 PRINT  N;"(LEFT)- ";SA$(F,Z)                  (237)
00670 NEXT                                          (172)
00699 GOSUB  2000                                   (155)
00700 CLR:END                                       (011)
01000 PRINT "(C=4)(CLR)(CTRL-N)(DOWN)(7SP
      ACE)BASET MENUSU PROGRAMI-II"                 (057)
01010 PRINT "(CTRL-3)(DOWN)(7SPACE)(C) 19
      88 UMIT YAZAROGLU"                            (112)
01020 PRINT "(C=1)(DOWN)----------------
      ----------------------"                       (039)
01030 RETURN                                        (072)
02000 GET  C$:IF  C$=""  THEN  GOTO  2000           (139)
02010 GOSUB  2300:RETURN                            (159)
02100 PRINT "(UP)(3SPACE)BU PROM. SAYESIN
      DE KASETLERINIZIN(3SPACE)"                    (125)
02110 PRINT "(DOWN) ICERIGINI GOSTEREN MI
      NIK MENULER HAZIR"                            (141)
02120 PRINT "(DOWN) LAYABILIRSINIZ.PROM.I
      N KULLANIMI OLDUK"                            (153)
02130 PRINT "(DOWN) CA KOLAY. IEK YAPMANI
      Z GEREKEN BILGISA"                            (210)
02140 PRINT "(DOWN) YARIN ISTEDIKLERINI Y
      ERINE GETIRMEK,.."                            (131)
02150 PRINT "(DOWN) C-64 E GUVEN GERISINI
       MERAK ETME SEN!"                             (253)
02160 GOSUB  2200:RETURN                            (039)
02200 PRINT "(2DOWN)(7SPACE)LUTFEN BIR TU
      SA BASIN !!!":GOSUB  2000:GOSUB  10
      00:RETURN                                     (026)
02300 S=54272:POKE  S+24,15:POKE  S+5,8:P
      OKE  S+6,240:POKE  S,0:POKE  S+1,90           (131)
02310 POKE  S+4 ,17:FOR  T=1 TO  100:NEXT
       :POKE  S+4,0:POKE  S,0:POKE  S+1,0           (100)
02320 RETURN                                        (092)
```

EPROMMER

(Bu programın yazısını derginin içinde bulabilirsiniz)

```
PROGRAM ADI : EPROMMER

00020 PRINT "<CLR>":POKE 52,48:POKE 56,48
      :POKE 51,0:POKE 55,0:POKE 46,48:POK
      E 45,150 :CLR                        <007>
00030 IF  PEEK(49152)=32  AND  PEEK(49400
      )=169 THEN  50                       <191>
00040 PRINT "<CLR><3DOWN><3SPACE>EPROMMER
       V2.0":                              <193>
00045 LOAD"MA.TINY EPROMM",8,1             <099>
00050 LM=49152:DR=49296:BL=49464:BS=49514
      :CO=49606:CL=49716:FI=49848          <091>
00055 SYS  49768                           <116>
00059 REM  TIPLER                          <192>
00060 DIM  T$(5),AL$(3)                    <082>
00061 T$(0)="2764 / 21 V "                 <211>
00062 T$(1)="27128 / 21 V "                <089>
00063 T$(2)="27256 / 12.5 V"               <193>
00064 T$(3)="8 KB / 12.5 V"                <050>
00065 T$(4)="16 KB / 12.5 V"               <132>
00066 T$(5)="32 KB / 21 V"                 <240>
00070 AL$(0)=" TURBO SPEED<3SPACE>"        <161>
00071 AL$(1)=" FAST & SECURE "             <041>
00072 AL$(2)="STANDARD<2SPACE>50 MS"       <126>
00080 EI%=16                               <190>
00090 IF  PEEK(820)<>0 THEN  AL=INT(PEEK(
      820)/16):TY=PEEK(820)-AL*16          <187>
00091 IF  TY>5  THEN  TY=0                 <183>
00092 IF  AL>2 THEN  AL=0                  <017>
00099 :                                    <075>
00100 REM  HAUPTMENUE                      <238>
00105 POKE 53280,5:POKE 53281,0:POKE 650,
      0:SYS  CL                            <141>
00110 PRINT "<HOME><CTRL-2>>>><9SPACE>EPR
      OMMER V2.0<12SPACE><<<":             <021>
00120 PRINT "-----------------------------
      ------------"                        <253>
00130 PRINT " LUTFEN SECIN :"              <038>
00140 PRINT  TAB(6)"<DOWN>'F1' = EPROM YA
      KMA                                  <020>
00145 PRINT  TAB(6)"<DOWN>'F3' = TIP/ALGO
      RITMA                                <224>
00150 PRINT  TAB(6)"<DOWN>'F5' = DIREKTOR
      Y                                    <081>
00155 PRINT  TAB(6)"<DOWN>'F7' = BASIC'E
      DONUS                                <228>
00160 PRINT  TAB(6)"<2DOWN>'F2' = EPROM B
      OSLUK TESTI                          <184>
00170 PRINT  TAB(6)"<DOWN>'F4' = EPROM OK
      UMA                                  <007>
00180 PRINT  TAB(6)"<DOWN>'F6' = EPROM VE
      RIFY                                 <086>
00190 PRINT  TAB(6)"<DOWN>'F8' = TOOL      <200>
00200 PRINT "<DOWN>----------------------
      ------------------";                 <078>
00210 PRINT ">>> "T$(TY)"ILE "AL$(AL)" <<
      <LEFT>"CHR$(148)"<";                 <229>
00220 T=TY:VP=0:IF  T>1 AND  T<5 THEN  VP
      =1                                   <038>
00230 IF  T>2 THEN  T=T-3                  <203>
00250 REM  *** SECIM                       <240>
00260 GET  A$:IF  A$="" THEN  260          <040>
00270 A=ASC(A$):IF  A<133 OR  A>140 THEN
      260                                  <122>
00280 ON  A-132 GOSUB  1000,2000,3000,400
      0,5000,6000,7000,8000                <222>
00390 GOTO  100                            <064>
01000 REM  YAKMA                           <102>
01010 SYS  CL                              <090>
01015 PRINT "<DOWN><2SPACE>LUTFEN SECIN :  <159>
01020 PRINT TAB(6)"<DOWN>'F1' = GERI       <075>
01025 PRINT TAB(6)"<DOWN>'F3' = HAFIZAYI
      EPROMA YAKMA                         <152>
01030 PRINT TAB(6)"<DOWN>'F5' = TEK BYTE
      PROGRAMLAMA                          <232>
01050 GET  A$:IF  A$="" THEN  1050         <085>
01060 SYS CL                               <132>
01065 ON  A-132 GOTO 1100,1200,1300        <113>
01100 RETURN                               <142>
01200 SYS  CL:PRINT "HAFIZAYI EPROMA YAKM
      A<10SPACE>:"                         <057>
01205 D=8192*2+T-1:GOSUB  1500:GOSUB  160
      0                                    <058>
01206 IF  E1-A1<>E2-A2 THEN  1200          <089>
01210 PRINT "<2DOWN>EPROM-TIPI:<2SPACE>";
      T$(TY)                               <214>
01220 PRINT "<DOWN>ALGORITMA<3SPACE>:";AL
      $(AL)                                <231>
01225 GOSUB  50050:IF  A$="H" THEN  1200   <124>
01230 SYS  CL:PRINT "<3DOWN><3SPACE>***<4
      SPACE>EPROM YAKILIYOR<2SPACE>***"    <068>
01240 SYS  49920 ,AL,VP,T,A1,A2,E2         <073>
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01245 IF  PEEK(2)>0 THEN  GOSUB  50700     (126)
01250 GOSUB  50010                         (054)
01260 RETURN                               (046)
01300 SYS CL:PRINT "TEK BYTE PROGRAMLAMA(
      2SPACE):"                            (192)
01305 PRINT "(2DOWN) EPROMNDRESI(2SPACE)(
      HEX) ? 0000":A$="0000":GOSUB  5012
      0                                    (125)
01310 GOSUB  50400:A2=A:IF  A<0 OR  A)819
      2+2↑T-1 THEN  1300                   (012)
01315 PRINT "(2DOWN)DEGER(8SPACE)(HEX) ?
      00":A$="00":GOSUB  50120:A$="00"+A
      $                                    (090)
01320 GOSUB  50400:IF  A<0  OR  A>255 THE
      N  1300                              (060)
01340 GOSUB  50050:IF  A$="H" THEN  1300   (245)
01350 A1=53247:POKE A1,A:E1=A1:E2=A2       (115)
01360 PRINT "(2DOWN)EPROM-TIPI:(2SPACE)":
      T$(TY)                               (110)
01365 PRINT "(DOWN) ALGORITMA(3SPACE):";A
      L$(AL)                               (122)
01370 GOSUB  50050 :IF  A$="H" THEN  1300  (019)
01375 GOSUB  1230                          (189)
01385 GOTO  1000                           (065)
01500 PRINT "(2DOWN)BILGISAYARDAKI ADRESLE
      R(HEX):"                             (170)
01505 A$="3000":PRINT "(DOWN)BASLANGIC AD
      RESI ?"A$:GOSUB  50120               (228)
01510 GOSUB  50400:GOSUB  50600            (155)
01511 A1=A:IF  A=0 THEN  PRINT "(3UP)":GO
      TO  1505                             (057)
01515 A=A1+D:GOSUB  50600:IF  A=0 THEN  A
      =49151                               (137)
01516 GOSUB  50500                         (162)
01520 PRINT "BITIS ADRESI(3SPACE)? "A$:G
      OSUB  50120                          (185)
01530 GOSUB  50400:GOSUB  50600            (175)
01531 IF  A1<49152  AND  A>57334  THEN  A
      =0                                   (157)
01540 E1=A:IF  A=0 OR  A<A1 THEN  PRINT "
      (4UP)":GOTO  1505                    (194)
01545 D=A-A1:RETURN                        (131)
01600 PRINT "(2DOWN)EPROMDAKI ADRESLER(HE
      X) :"                                (051)
01605 A$="0000":PRINT "(DOWN)BASLANGIC AD
      RESI?"A$:GOSUB  50120                (138)
01610 GOSUB  50400:A2=A                    (015)
01611 IF  A>8192+2↑T-1 OR  A<0  THEN  PRI
      NT "(3UP)":GOTO 1605                 (245)
01615 A=A2+D:IF  A>8192+2↑T-1 THEN  A=819
      2+2↑T-1                              (156)
01618 GOSUB  50500                         (010)
01620 PRINT "BITIS ADRESI(3SPACE)?"A$:GO
      SUB  50120                           (031)
01630 GOSUB  50400:E2=A                    (043)
01635 IF  A>8192+2↑T-1  THEN  A=A2-1       (110)
01640 E2=A:IF  A<A2  THEN  PRINT "(4UP)":
      GOTO  1505                           (090)
01645 D=A-A2:RETURN                        (104)
02000 REM  TIP ALGORITMA                   (136)
02010 SYS  CL:T=TY                         (251)
02015 PRINT "(DOWN) EPROMTIPI VE ALGORITM
      AYI SECIN(2SPACE):"                  (033)
02020 PRINT TAB(6)"(DOWN)'F1' = GERI       (059)
02025 PRINT TAB(6)"(DOWN)CURSOR TUSLARI I
      LE SECIN                             (235)
02030 PRINT TAB(6)"(DOWN)RETURN ILE BELIR
      TIN                                  (121)
02050 PRINT "(HOME)(12DOWN)":              (291)
02060 FOR  A=0  TO  5:IF  T=A THEN PRINT
      "(RVSON)":                           (024)
02065 IF  A>2 THEN  PRINT "(5RIGHT) OZEL
      TIPLER: "T$(A)" ":GOTO  2075         (147)
02070 PRINT "(5RIGHT)(7SPACE)";T$(A);"(8S
      PACE)"                               (007)
02075 NEXT                                 (053)
02100 GET  A$                              (022)
02105 IF  A$="(F1)" THEN  2300             (062)
02106 IF  A$=CHR$(13) THEN  2200           (036)
02110 IF  A$="(UP)" THEN  T=T-1:IF  T<0 T
      HEN  T=5                             (180)
02115 IF  A$="(DOWN)" THEN  T=T+1:IF  T>5
       THEN  T=0                           (247)
02120 GOTO  2050                           (196)
02200 PRINT "(HOME)(18DOWN)";              (218)
02210 FOR  A=0 TO  2                       (053)
02215 IF  AL=A THEN  PRINT "(RVSON)";      (021)
02220 PRINT "(5RIGHT)(6SPACE)";AL$(A);"(8
      SPACE)"                              (253)
02225 NEXT                                 (203)
02250 GET A$                               (172)
02255 IF  A$="(F1)" OR  A$=CHR$(13) THEN
       2300                                (086)
02265 IF  A$="(UP)" THEN  AL=AL-1:IF  AL<
      0 THEN  AL=2                         (070)
02270 IF  A$="(DOWN)" THEN  AL=AL+1:IF  A
      L>2 THEN  AL=0                       (167)
02290 GOTO  2200                           (238)
02300 POKE  820,T+AL*16:TY=T:RETURN        (164)
03000 REM  FILES                           (085)
03010 SYS  CL                              (048)
03015 PRINT "(DOWN) LUTFEN SECIN :"        (195)
03020 PRINT TAB(6)"(DOWN)'F1' = GERI       (043)
03025 PRINT TAB(6)"(DOWN)'F3' = DIREKTORY  (134)
03030 PRINT TAB(6)"(DOWN)'F5' = PROGRAM Y
      UKLEME                               (188)
03035 PRINT TAB(6)"(DOWN)'F7' = PROGRAM K
      AYDETME(7SPACE)(SHIFT-SPACE)"        (052)
03040 PRINT TAB(6)"(2DOWN)'F2' = FLOPPY K
      OMUTLARI(7SPACE)(SHIFT-SPACE)"       (049)
03045 PRINT TAB(6)"(2DOWN)'F4' = HATA KAN
      ALI(10SPACE)(SHIFT-SPACE)"           (174)
03050 GET  A$:IF A$="" THEN  3050           (115)
03055 A=ASC(A$):IF  A<133 OR  A>138  THEN
       3050                                (164)
03060 SYS  CL                              (098)
03065 ON  A-132 GOTO  3100,3200,3300,3400
      ,3500,3600                           (112)
03100 RETURN                               (110)
03200 :                                    (128)
03205 SYS  DR                              (094)
03210 GOSUB  50010                         (238)
03220 GOTO  3000                           (128)
03300 SYS  CL                              (004)
03305 PRINT "(DOWN)LOAD PROGRAM:":GOSUB
      3310:GOTO  3350                      (186)
03310 PRINT "(DOWN)PROGRAM AD1? ";         (002)
03315 GOSUB  50100 :N$=A$:IF  N$="" THEN
       3000                                (024)
03316 IF  N$="" THEN  PRINT "(3UP)":GOTO
       3310                                (002)
03320 A$="8":PRINT "(DOWN)FLOPPY ADRESI(2
      SPACE)? "A$;                         (243)
03325 GOSUB  50120 :G=VAL(A$)              (200)
03326 IF  G<1 OR  G>15  THEN  PRINT "(3UP
      )":GOTO  3320                        (033)
03330 RETURN                               (086)
03335 :                                    (009)
03350 IF  N$="" THEN  RETURN               (197)
03351 IF  N$="$" THEN 3200                 (218)
03354 PRINT "(DOWN)KULLANILAMAYACAK ALANL
      AR"                                  (240)
03355 PRINT " $0000-$2FFF UND $C000-$DFFF
      "                                    (244)
03360 A$="3000":PRINT "(DOWN)BASLANGIC AD
      RESI(HEX) ?";A$;                     (135)
03365 GOSUB  50120 :GOSUB  50400           (234)
03370 GOSUB  50600:IF  A=0 THEN  3300      (231)
03380 GOSUB  50050 :IF  A$="H" THEN  SYS
       CL:GOTO  3300                       (192)
03390 SYS  BL,N$,G,A                       (070)
03391 IF  ST<>64  THEN  PRINT "(DOWN) I/O
      -HATASI:GOTO 3394                    (011)
03392 A=PEEK(781)+PEEK(782)*256-1:GOSUB
      50500:PRINT "(DOWN) PROGRAMM BITISI
      : $";A$                              (153)
03394 GOSUB  50010                         (168)
03395 IF  PEEK(49152)=32  AND  PEEK(49408
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    )>169 THEN  3399                                    (040)
03396 PRINT "(DOWN) PROGRAM COK UZUN                    (091)
03397 PRINT "EPROMER DISKINI KOYUN(4SPACE
    )":GOSUB  50010 :LOAD"MA.TINY EPROM
    ER",8,1                                             (033)
03399 GOTO  3000                                        (053)
03400 SYS  CL                                           (186)
03405 PRINT "(DOWN)SAVE PROGRAMMI":GOSUB
     3310                                               (028)
03406 IF  N$="" THEN  3000                              (138)
03410 PRINT "(DOWN)BASLANGIC ADRESI(HEX)
    ? ";                                                (183)
03420 GOSUB  50100 :GOSUB  50400                        (161)
03430 IF  A=-1 THEN  3400                               (083)
03435 B=A                                               (055)
03440 PRINT "(DOWN)BITIS ADRESI (HEX)(5SP
    ACE)? ";                                            (094)
03445 GOSUB  50100 :GOSUB  50400                        (186)
03450 A=A+1:IF  A>65535  THEN  PRINT "(DO
    WN)SON BYTE KAYBOLUYOR(2SPACE)":A=6
    5535                                                (101)
03460 GOSUB  50050 :IF  A$="H" THEN  SYS
     CL:GOTO  3400                                      (145)
03470 SYS  BS,N$,G,B,A                                  (248)
03471 IF  ST<>0 THEN  PRINT "(DOWN) I/O-H
    ATASI":GOSUB 50010                                  (185)
03475 GOTO  3000                                        (129)
03500 :                                                 (174)
03505 PRINT "(2DOWN)FLOPPY-KOMUTU:";                    (134)
03510 E1%=25:GOSUB  50100                               (204)
03520 OPEN 1,8,15,A$:CLOSE  1                           (083)
03600 :                                                 (020)
03605 OPEN 1,8,15:PRINT "(2DOWN)DISK-STAT
    US:(2SPACE)";                                       (055)
03610 GET #1,A$:PRINT A$;:IF  (ST  AND  6
    4)=0 GOTO  3610                                     (059)
03615 CLOSE  1:GOSUB  50010:GOTO  3000                  (116)
03620 :                                                 (040)
04000 REM  BASIC                                        (127)
04005 SYS  CL:PRINT "PROGRAMDAN CIKMA:                  (004)
04010 GOSUB  50050 :IF  A$="H" THEN  RETU
    RN                                                  (226)
04020 SYS  49616:END:RUN                                (181)
05000 REM  EPROM BOSLUK TESTI                           (002)
05010 SYS  CL:PRINT "EPROM BOSLUK TESTI:(
    FF ILE KARSILASTIRMA                                (196)
05020 GOSUB  50050:IF  A$="H" THEN  RETUR
    N                                                   (220)
05030 SYS  49929,T,0,0,8192+2↑T                         (154)
05035 IF  PEEK(2)=15 THEN  PRINT "(DOWN)
    EPROM SILINMEMIS !":GOSUB  50700                    (100)
05036 IF  PEEK(2)=0 THEN  PRINT "(DOWN) E
    PROM BOS !"                                         (106)
05040 GOSUB  50010:RETURN                               (121)
06000 REM   EPROM OKUMA                                 (134)
06010 SYS  CL                                           (080)
06015 PRINT "(DOWN)LUTFEN SECIN:                        (079)
06020 PRINT  TAB(6)"(DOWN) 'F1' GERI                    (209)
06025 PRINT  TAB(6)"(DOWN) 'F3' EPROM OKU
    MA                                                  (225)
06030 PRINT  TAB(6)"(DOWN) 'F5' =TEK BYTE
     OKUMA                                              (242)
06050 GET  A$:IF  A$="" THEN  6050                      (163)
06055 A=ASC(A$):IF  A<133 OR  A>135  THEN
     6050                                               (149)
06060 SYS  CL                                           (050)
06070 ON  A-132 GOTO  6100,6200,6300                    (151)
06100 RETURN                                            (060)
06200 SYS  CL:PRINT "EPROM OKUMA                        (046)
06205 D=8192*2↑T-1:GOSUB  1600 :GOSUB  15
    00                                                  (107)
06206 IF  E1-A1<>E2-A2 THEN  6200                       (014)
06225 GOSUB  50050:IF  A$="H" THEN  6200                (054)
06230 SYS  49923,T,A1,A2,E2                             (141)
06240 GOSUB  50010 :RETURN                              (051)
06300 SYS  CL:PRINT "TEK BYTE OKUMA:                    (237)
06305 PRINT "(2DOWN)EPROM ADRESI (HEX) ?
    0000+(LEFT)";:A$="0000":GOSUB  5012
    0                                                   (069)
06310 GOSUB  50400:A2=A:IF  A<0  OR  A>81
    92*2↑T-1  THEN  6300                                (191)
06340 GOSUB  50050:IF  A$="H" THEN  6300                (173)
06350 A1=53247:SYS  49923,T,A1,A2,A2                    (211)
06355 A=PEEK(A1):GOSUB  50500:PRINT "(DOW
    N)DEGERI";PEEK(A1);"=";A$                           (067)
06360 GOSUB  50010:GOTO  6000                           (083)
07000 REM  EPROM VERIFY                                 (182)
07100 SYS  CL:PRINT "EPROM ILE PROGRAMIN
    KARSILASTIRILMASI                                   (068)
07105 D=8192*2↑T-1:GOSUB  1600:GOSUB  150
    0                                                   (245)
07106 IF  E1-A1<>E2-A2 THEN  7100                       (151)
07125 GOSUB  50050:IF  A$="H" THEN  7100                (190)
07130 SYS  49926 ,T,A1,A2,E2                            (153)
07135 IF  PEEK(2)=15 THEN  PRINT "(DOWN)
    VERIFY ERROR !":GOSUB  50700:GOTO 7
    140                                                 (120)
07136 PRINT "(DOWN) EPROM DOGRU YAKILMIS"               (240)
07140 GOSUB  50010:RETURN                               (189)
08000 REM  TOOL                                         (070)
08010 SYS  CL                                           (224)
08015 PRINT "(DOWN)LUTFEN SECIN:"                       (115)
08020 PRINT TAB(6)"(DOWN)'F1' = GERI                    (219)
08030 PRINT TAB(6)"(DOWN)'F5' = MONITOR                 (173)
08035 PRINT TAB(6)"(DOWN)'F7' = HAFIZA BO
    LUMLERINI KAYDIRMA                                  (219)
08040 PRINT TAB(6)"(2DOWN)'F2' = HAFIZA B
    OLUMLERINI DOLDURMA                                 (189)
08050 GET  A$:IF  A$="" THEN  8050                      (196)
08055 A=ASC(A$):IF  A<133 OR  A>137  THEN
     8050                                               (192)
08060 SYS  CL                                           (010)
08065 ON  A-132 GOTO  8100,8065,8300,8110
    ,8120                                               (105)
08100 RETURN                                            (020)
08110 GOSUB  8450:GOTO  8000                            (050)
08120 GOSUB  8600:GOTO  8000                            (100)
08300 SYS  CL:POKE 650,128:AD=12298:PRINT
     "(DOWN) MONITOR :                                  (192)
08305 PRINT "(DOWN)(2SPACE)'F1' GERI                    (049)
08308 PRINT "(DOWN)(2SPACE)'F3' TRANSFER                (054)
08309 PRINT "(2SPACE)'F4' HAFIZAYI DOLDUR
    MA                                                  (118)
08310 PRINT "(DOWN)(2SPACE)'F5'/'F7':'F6'
    /'F8')CRSR = SCROLL                                 (069)
08315 PRINT "(DOWN)(2SPACE)RETURN = DEGER
    I BELIRTME                                          (038)
08350 SYS  LM ,AD                                       (113)
08360 PRINT "(4UP)(7RIGHT)←(3LEFT)";                    (049)
08370 GET  A$:IF  A$="" THEN  8370                      (026)
08371 IF  A$="(F1)" THEN  POKE  650,0:RET
    URN                                                 (103)
08372 IF  ASC(A$)>47  AND  ASC(A$)<58 THE
    N  8395                                             (201)
08373 IF  ASC(A$)>64  AND  ASC(A$)<71  TH
    EN  8395                                            (174)
08374 IF  ASC(A$)=13  THEN  8400                        (175)
08376 IF  A$="(F3)" THEN  GOSUB  8450:GOT
    O  8300                                             (229)
08378 IF  A$="(F4)" THEN  GOSUB  8600:GOT
    O  8300                                             (167)
08380 IF  A$="(F5)" THEN  AD=AD-80                      (251)
08381 IF  A$="(F7)" THEN  AD=AD+80                      (253)
08382 IF  A$="(F6)" THEN  AD=AD-1024                    (174)
08383 IF  A$="(F8)" THEN  AD=AD+1024                    (176)
08384 IF  A$="(UP)" THEN  AD=AD-8                       (082)
08385 IF  A$="(DOWN)" THEN  AD=AD+8                     (243)
08386 IF  A$="(RIGHT)" THEN  AD=AD+1                    (115)
08387 IF  A$="(LEFT)" THEN  AD=AD-1                     (212)
08388 IF  AD<0 THEN  AD=65535                           (252)
08389 IF  AD>65535  THEN  AD=0                          (182)
08390 W$="":GOTO  8350                                  (060)
08395 IF  W$="" THEN  W$=" "                            (198)
08398 W$=W$+A$:IF  LEN (W$)>2 THEN  W$=RI
    GHT$(W$,2)                                          (208)
08399 PRINT W$"(2LEFT)";:GOTO  8370                     (136)
08400 IF  W$="" THEN  8410                              (026)
08401 IF  LEFT$(W$,1)=" " THEN  W$="0"+RI
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     GHT$(W$,1)                                    (238)
00405 A$="00"+W$:GOSUB  50400:POKE AD+I9,
     A                                             (195)
00410 AD=AD+1:W$="":GOTO  0350                     (152)
00420 :                                            (088)
00450 REM  TRANSFER                                (198)
00455 SYS  CL                                      (161)
00460 PRINT "{DOWN} TRANSFER (HEX):"               (076)
00465 PRINT "{DOWN} BASLANGIC";:GOSUB  50
     100:IF  A$="" THEN  RETURN                    (050)
00470 GOSUB  50400:A1=A:IF  A<0 THEN  045
     0                                             (061)
00475 PRINT "{DOWN} BITIS: ";:GOSUB  5010
     0:IF  A$="" THEN  RETURN                      (116)
00480 GOSUB  50400:E1=A:IF  A<0 THEN  045
     0                                             (020)
00485 PRINT "{DOWN} YENI BASLANGIC:";:GOS
     UB  50100:IF  A$="" THEN  RETURN              (203)
00490 GOSUB  50400:A2=A:IF  A<0 THEN  045
     0                                             (085)
00500 A$="00":PRINT "{DOWN} HAFIZA DAGILI
     MI (HEX): ";A$:E1%=2                          (190)
00501 GOSUB  50120 :IF  A$="" THEN  RETUR
     N                                             (242)
00505 A$="00"+A$:GOSUB  50400:IF  A<0 THE
     N  04505                                      (204)
00540 E1=E1+1:IF  E1>65535 THEN  E1=E1-65
     536                                           (224)
00550 SYS  C0,A1,E1,A2,A                           (125)
00560 RETURN                                       (236)
00600 REM  FILL                                    (122)
00605 SYS  CL                                      (055)
00610 PRINT "{DOWN}HAFIZAYI DOLDUR A (HEX
     ):"                                           (218)
00615 PRINT  {DOWN} {SADECE RAM IC'LERI ICI
     N}                                            (082)
00620 PRINT  {DOWN}BASLANGIC ";:GOSUB  50
     100:IF  A$="" THEN  RETURN                    (205)
00630 GOSUB  50400:A1=A:IF  A<0 THEN  060
     0                                             (093)
00640 PRINT "{DOWN}BITIS: ";:GOSUB  50100
     :IF  A$="" THEN  RETURN                       (025)
00650 GOSUB  50400:E1=A:IF  A<0 THEN  060
     0                                             (121)
00660 A$="FF":PRINT "{DOWN}DEGER:";A$;:E1
     %=2                                           (223)
00665 GOSUB  50120 :IF  A$="" THEN  RETUR
     N                                             (150)
00670 A$="00"+A$:GOSUB  50400:IF  A<0 THE
     N  0600                                       (171)
00680 E1=E1+1:IF  E1>65535 THEN  E1=E1-65
     536                                           (100)
00690 SYS  F1,A1,E1,A                              (208)
00695 RETURN                                       (115)
50000 REM  ALT RUTINLER                            (202)
50010 REM  TUS                                     (120)
50020 POKE 198,0                                   (143)
50025 IF  PEEK(214)>21 THEN  PRINT "{HOME
     }{DOWN}"                                      (092)
50030 PRINT :PRINT "  {RVSON}{9SPACE}T U S
      A{3SPACE}B A S I N{11SPACE}"                 (226)
50045 WAIT  198,1,0:POKE 198,0:RETURN              (128)
50050 REM  EINGABE OK?                             (149)
50060 POKE 198,0                                   (163)
50070 PRINT :PRINT "  {RVSON}{2SPACE}H E R
      S E Y{2SPACE}T A M A M {E/H}{2SPAC
     E}?{6SPACE}{RVSOFF}"                          (173)
50075 WAIT  198,1,0:GET  A$                        (075)
50080 IF  A$<>"E" AND  A$<>"H" THEN  5007
     5                                             (093)
50085 RETURN                                       (102)
50100 REM  INPUT                                   (048)
50110 A$="":                                       (127)
50120 PRINT "{LEFT}";:GET B$:IF B$<>"" T
     HEN 50130                                     (246)
50122 FOR  A=0 TO 80:NEXT :PRINT "{RVSON}
     {LEFT}";                                      (148)
50125 GET  B$:IF  B$<>"" THEN  50130               (172)
50127 FOR  A=0 TO  80:NEXT :GOTO  50120            (207)
50130 IF  ASC(B$)<13 THEN PRINT "{LEFT}";:
     G:RETURN                                      (191)
50140 IF  ASC(B$)>31  AND  ASC(B$)<128  T
     HEN  50200                                    (172)
50150 IF  ASC(B$)>151  THEN  50200                 (129)
50160 IF  B$<>CHR$(20) AND  B$<>"{LEFT}"
     THEN  50120                                   (073)
50170 IF  LEN(A$)<1 THEN  50120                    (061)
50180 A$=LEFT$(A$,LEN(A$)-1)                       (167)
50190 PRINT "  {2LEFT}{LEFT}";                     (215)
50195 GOTO  50120                                  (056)
50200 IF  LEN(A$)<E1% THEN  50300                  (020)
50210 PRINT "  {2LEFT}";                           (211)
50220 A$=LEFT$(A$,LEN(A$)-1)                       (007)
50300 A$=A$+B$                                     (102)
50310 PRINT B$;"{LEFT}";                           (052)
50350 GOTO  50120                                  (211)
50400 REM  HEX                                     (072)
50410 A=-1:IF  LEN(A$)>4 OR  LEN(A$)<1 TH
     EN  RETURN                                    (140)
50420 FOR  X=1 TO  LEN(A$)                         (035)
50430 Z=ASC(MID$(A$,X,1))                          (125)
50440 IF  Z>47  AND  Z<58  THEN  Z=Z-48:G
     OTO  50470                                    (139)
50450 IF  Z<65 OR  Z>71  THEN  A=-1:X=4:N
     EXT :RETURN                                   (248)
50460 Z=Z-55                                       (166)
50470 A=A+Z*16^(LEN(A$)-X)                         (085)
50480 NEXT :A=A+1:RETURN                           (142)
50500 REM  OEX                                     (142)
50510 A$="":FOR  X=3 TO  0 STEP -1 :W=INT
     (A/16^X)                                      (254)
50520 A=A-W*16^X:IF  W>9  THEN  W=W+7              (028)
50530 A$=A$+CHR$(W+48)                             (033)
50540 NEXT :RETURN                                 (186)
50600 REM                                          (113)
50610 IF  A>49151  AND  A<57344  THEN  A=
     0                                             (023)
50620 IF  A<3*4096  OR  A>65535  THEN  A=
     0                                             (247)
50640 RETURN                                       (149)
50700 REM                                          (215)
50720 PRINT "EPROM ADRESI:";A:GOSUB  505
     00:PRINT "  =  $";A$      "                   (198)
50750 RETURN                                       (085)
60000 ::::                                         (216)
```

PROGRAM: MA.TINY EPROMM C000 C750

```
C000 : 20 FD AE 20 8A AD 20 F7  55
C008 : B7 A6 14 A4 15 4C A4 C2  78
C010 : 00 A2 00 A0 10 86 D3 84  03
C018 : D6 20 6C E5 A5 B9 20 74  68
C020 : C0 A5 B8 20 74 C0 A0 00  B5
C028 : B1 B8 20 6D C0 C8 C0 08  50
C030 : D0 F6 A9 20 20 D2 FF A9  D6
C038 : 3D 20 D2 FF A0 00 B1 B8  7C
C040 : 48 98 AA 69 20 A8 68 91  B8
C048 : D1 8A A8 C8 C0 08 D0 EE  0F
C050 : A5 B8 18 69 08 85 B8 A5  5F
C058 : B9 69 00 85 B9 A9 0D 20  D4
C060 : D2 FF A5 14 18 69 30 EA  81
C068 : C5 B8 D0 B0 60 AA A9 20  16
C070 : 20 D2 FF 8A AA 4A 4A 4A  05
C078 : 4A 20 83 C0 8A 20 0F 20  3A
C080 : 83 C0 60 C9 0A 90 02 69  B5
```

```
C088 : 86 69 38 20 D2 FF 60 00  02
C090 : 20 20 C1 EA A9 80 85 B9  B5
C098 : A9 01 85 B7 A9 24 85 FD  E8
C0A0 : A9 FD 85 BB A9 00 85 BC  4B
C0A8 : 20 D5 F3 A5 BA 20 B4 FF  E4
C0B0 : A5 B9 20 96 FF A9 00 85  65
C0B8 : 90 A0 03 84 FD 20 A5 FF  81
C0C0 : 85 FE A4 90 D0 2F 20 A5  52
C0C8 : FF A4 90 D0 28 A4 FD 88  08
C0D0 : D0 E9 A6 FE 20 CD BD A9  D9
C0D8 : 20 20 D2 FF 20 A5 FF A6  39
C0E0 : 90 D0 12 AA F0 06 20 D2  18
C0E8 : FF 4C DC C0 A9 0D 20 FF  E0
C0F0 : C0 A0 02 D0 C6 20 42 F6  FF
C0F8 : A9 00 85 C6 60 00 00 48  72
C100 : A5 D6 C9 16 90 07 A9 02  31
C108 : 85 D6 20 6C E5 68 A6 C6  58
C110 : E0 01 F0 0A AE 8D 02 D0  EF
C118 : F8 20 D2 FF 60 EA 68 68  A8
C120 : 4C F5 C0 00 A9 00 85 BA  FD
C128 : A8 02 85 D6 20 6C E5 60  CC
C130 : 20 FD AE 4C 24 C1 00 00  D4
C138 : 20 FD AE 20 AC C1 20 BD  DB
C140 : FF 20 FD AE 20 9E B7 A9  CE
C148 : 00 A8 20 BA FF 20 FD AE  52
C150 : 20 8A AD 20 F7 B7 A6 14  25
C158 : A4 15 A9 36 85 01 A9 00  BF
C160 : 20 D5 FF A8 37 85 01 60  04
C168 : 00 00 20 FD AE 20 AC C1  52
C170 : 20 BD FF 20 FD AE 20 9E  86
C178 : B7 A8 00 A8 20 BA FF 20  31
C180 : FD AE 20 8A AD 20 F7 B7  59
C188 : A6 14 A4 15 86 FC 84 FD  62
C190 : 20 FD AE 20 8A AD 20 F7  E5
C198 : B7 A6 14 A4 15 A9 36 85  BE
C1A0 : 01 A9 FC 20 D8 FF A9 37  5C
C1A8 : 85 01 60 00 A5 16 48 20  32
C1B0 : 9E AD 69 85 16 EA A0 00  2B
C1B8 : B1 64 48 C8 B1 64 AA C8  41
C1C0 : B1 64 A8 68 60 00 20 FD  5D
C1C8 : AE 20 8A AD 20 F7 B7 A6  CD
C1D0 : 14 A4 15 86 FB 84 FC 20  65
C1D8 : FD AE 20 8A AD 20 F7 B7  B1
C1E0 : A6 14 A4 15 86 FD 84 FE  C4
C1E8 : 20 FD AE 20 8A AD 20 F7  3D
C1F0 : B7 A5 14 48 A5 15 48 A2  F1
C1F8 : 37 20 78 00 F0 07 20 FD  61
C200 : AE 20 9E B7 78 68 85 15  68
C208 : 68 85 14 A5 01 48 86 01  5B
C210 : A0 00 B1 FB 91 14 E6 FB  E9
C218 : D0 02 E6 FC E6 14 D0 02  99
C220 : E6 15 A5 FB C5 FD D0 EA  DF
C228 : A5 FC C5 FE D0 E4 68 85  7D
C230 : 01 58 60 00 A2 00 BD 00  97
C238 : 04 9D 00 CF BD 98 07 9D  FD
C240 : 00 CF E8 E0 50 D0 EF A9  8D
C248 : 93 20 D2 FF A2 00 BD 00  C1
C250 : CF 9D 00 04 BD 00 CF 9D  C9
C258 : 98 07 E8 E0 50 D0 EF A9  69
C260 : 02 85 D6 20 6C E5 60 00  56
C268 : A2 73 A0 C2 8E 28 03 8C  94
C270 : 29 03 60 A5 91 C9 7F F0  2F
C278 : 02 60 00 08 A2 00 BD 93  F4
C280 : C2 F0 06 9D 77 02 E8 D0  BC
C288 : F5 86 C6 A9 90 8D 86 02  3B
C290 : 28 60 00 93 52 D5 0D 00  63
C298 : A2 ED A0 F8 8E 28 03 8C  B7
C2A0 : 29 03 60 00 86 B8 84 B9  17
C2A8 : A9 36 85 01 20 11 C0 A9  CF
C2B0 : 37 85 01 60 00 00 00 00  F6
C2B8 : 20 FD AE 20 8A AD 20 F7  0D
C2C0 : B7 A6 14 A4 15 86 F7 84  D2
C2C8 : F8 20 FD AE 20 8A AD 20  73
C2D0 : F7 B7 20 FD AE 20 9E B7  40
C2D8 : 78 A9 00 85 01 8A A0 00  8D
C2E0 : 91 F7 E6 F7 D0 02 E6 F8  D0
C2E8 : A6 F7 E4 14 D0 F2 A6 F8  77
C2F0 : E4 15 D0 EC A9 37 85 01  9D
C2F8 : 58 60 00 00 00 00 00 00  81
C300 : 4C 0C C3 4C 77 C3 4C 7C  9C
C308 : C3 4C 81 C3 20 FD AE 20  B7
C310 : 9E B7 08 F8 20 FD AE 20  37
C318 : 9E B7 86 B2 20 E8 C3 20  22
C320 : A4 C6 20 10 C4 A5 B2 D0  17
C328 : 08 AD 01 DD 29 BF 8D 01  CC
C330 : DD EA A0 00 B1 A7 20 52  28
C338 : C4 A5 A9 C5 AB D0 06 A5  96
C340 : AA C5 AC F0 1E E6 A7 D0  6F
C348 : 02 E6 A9 E6 A8 D0 05 E6  C7
C350 : AA 20 CB C6 AD 01 DD AA  86
C358 : 29 FE 8D 01 DD 8E 01 DD  96
C360 : 4C 32 C3 A2 00 BD 1A C7  F0
C368 : F0 06 20 D2 FF E8 D0 F5  34
C370 : A2 00 86 02 4C F9 C6 A9  F7
C378 : 00 4C 86 C3 A9 01 4C 86  99
C380 : C3 A9 02 4C 86 C3 85 F8  B0
C388 : 20 E8 C3 20 A4 C6 20 10  32
C390 : C4 20 E5 C6 A6 F8 F0 1B  E3
C398 : CA F0 08 C9 FF F0 18 A2  03
C3A0 : 0F 86 02 4C F9 C6 A0 00  55
C3A8 : D1 A7 F0 0B A2 0F 86 02  AB
C3B0 : 4C F9 C6 A0 00 91 A7 A5  35
C3B8 : A9 C5 AB D0 0D A5 AA C5  7D
C3C0 : AC D0 07 A2 00 86 02 4C  BF
C3C8 : F9 C6 E6 A7 D0 02 E6 A8  DD
C3D0 : E6 A9 D0 05 E6 AA 20 CB  3B
C3D8 : C6 AD 01 DD AA 29 FE 8D  7C
C3E0 : 01 DD 8E 01 DD 4C 91 C3  A2
C3E8 : 20 FD AE 20 9E B7 86 F7  60
C3F0 : A9 00 48 20 FD AE 20 8A  9A
C3F8 : AD 20 F7 B7 68 A8 A5 14  35
C400 : 99 A7 00 C8 A5 15 99 A7  3F
C408 : 00 C8 98 C9 06 D0 E3 60  03
C410 : 78 A8 36 85 01 AD 20 D0  3B
```

```
C418 : 85 BD A9 02 8D 20 D0 A0  85
C420 : FF 8C 01 DD 8C 03 DD A0  FB
C428 : FD 8C 01 DD A2 00 86 F9  A0
C430 : 86 FA A5 A9 C5 F9 D0 06  4D
C438 : A5 AA C5 FA F0 10 A9 FC  33
C440 : 8D 01 DD 8C 01 DD E6 F9  E5
C448 : D0 E8 E6 FA D0 E4 20 CB  F1
C450 : C6 60 C9 FF D0 0A 20 E5  62
C458 : C6 C9 FF D0 01 60 A9 FF  D6
C460 : A6 F8 D0 23 A2 32 A0 00  59
C468 : 8E 04 DD 8C 05 DD 20 97  F0
C470 : C6 20 DB C4 F0 0B 0E 04  7D
C478 : DD 2E 05 DD B0 4A 4C 71  DB
C480 : C4 20 DB C4 D0 EB 60 E0  93
C488 : 01 D0 3A A2 95 A0 00 8E  50
C490 : 04 DD 8C 05 DD 20 97 C6  11
C498 : 20 DB C4 F0 0B 0E 04 DD  E2
C4A0 : 2E 05 DD B0 23 4C 98 C4  5F
C4A8 : 0E 04 DD 2E 05 DD B0 18  28
C4B0 : 0E 04 DD 2E 05 DD B0 10  20
C4B8 : AD 05 DD C9 C2 B0 09 20  AE
C4C0 : DB C4 D0 D4 60 20 97 C6  BF
C4C8 : A2 FF A0 C1 8E 04 DD 8C  64
C4D0 : 05 DD 20 DB C4 F0 03 4C  C0
C4D8 : 48 C5 60 EA AD 05 DD C9  86
C4E0 : C2 90 05 68 68 4C 48 C5  CE
C4E8 : 20 BA C6 A6 FD 8E 01 DC  FE
C4F0 : A5 FE 8D 00 DC A5 F7 C9  E6
C4F8 : 02 F0 06 20 7C C6 4C 04  2F
C500 : C5 20 61 C6 EA 20 A9 C6  EA
C508 : AD 01 DC 29 0F C5 FD D0  4B
C510 : 0A AD 00 DC 29 0F C5 FE  AD
C518 : D0 01 60 AD 01 DC 29 0F  F0
C520 : C5 FD 90 0C AD 00 DC 29  2A
C528 : 0F C5 FE 90 03 A9 FF 60  2A
C530 : A2 00 BD 8D C5 F0 06 20  30
C538 : D2 FF E8 D0 F5 68 68 68  73
C540 : 68 A2 0F 86 02 4C F9 C6  86
C548 : A2 00 BD 09 C6 F0 06 20  C7
C550 : D2 FF E8 D0 F5 AD 01 DD  02
C558 : 09 84 8D 01 DD A9 00 8D  6D
C560 : 03 DC A9 FF 8D 02 DC 58  49
C568 : 20 3E F1 C9 4E F0 0D C9  91
C570 : 41 D0 F5 68 68 A9 0F 85  BF
C578 : 02 4C F9 C6 EA A2 00 A9  0F
C580 : 14 20 D2 FF E8 E0 C8 D0  B3
C588 : F8 78 4C C8 C4 0D 11 20  22
C590 : 46 41 4C 53 43 48 45 53  27
C598 : 20 42 49 54 20 49 53 54  F8
C5A0 : 20 41 55 46 20 4E 55 4C  E1
C5A8 : 4C 20 47 45 53 45 54 5A  E4
C5B0 : 54 20 21 0D 20 44 45 53  DE

C5B8 : 48 41 4C 42 20 4B 41 4E  FA
C5C0 : 4E 20 44 41 53 20 42 59  4A
C5C8 : 54 45 20 4E 49 43 48 54  09
C5D0 : 20 52 49 43 48 54 49 47  AF
C5D8 : 20 47 45 2D 20 42 52 41  73
C5E0 : 4E 4E 54 20 57 45 52 44  E0
C5E8 : 45 4E 2E 0D A0 42 49 54  6B
C5F0 : 54 45 20 44 41 53 20 45  31
C5F8 : 50 52 4F 4D 20 4C 4F 45  1B
C600 : 53 43 48 45 4E 20 21 0D  34
C608 : 00 0D 20 42 49 54 20 4B  2E
C610 : 41 4E 4E 20 4E 49 43 48  DD
C618 : 54 20 47 45 4C 4F 45 53  F2
C620 : 43 48 54 20 57 45 52 44  12
C628 : 45 4E 20 21 0D 0D 20 27  C9
C630 : 4E 27 20 4E 4F 43 48 20  54
C638 : 45 49 4E 4D 41 4C 20 56  03
C640 : 45 52 53 55 43 48 45 4E  56
C648 : 0D 20 27 41 27 20 5A 55  DF
C650 : 52 55 45 43 4B 20 49 4E  7E
C658 : 53 20 4D 45 4E 55 45 0D  76
C660 : 00 AD 01 DD 29 7F A2 09  5E
C668 : 8E 0E DD 8D 01 DD 09 80  4A
C670 : AA AD 0D DD 29 01 F0 F8  42
C678 : 8E 01 DD 60 AD 01 DD 29  B7
C680 : 5F A2 09 8E 0E DD 8D 01  4C
C688 : DD 09 20 AA AD 0D DD 29  54
C690 : 01 F0 F9 8E 01 DD 60 48  6B
C698 : 29 0F 85 FD 68 4A 4A 4A  00
C6A0 : AA AA AA AA AA AA AA AA  9F
C6A8 : AA AA AA AA AA AA AA AA  A7
C6B0 : AA AA AA AA AA AA AA AA  AF
C6B8 : AA AA AA AA AA AA AA AA  B7
C6C0 : AA AA AA AA AA AA AA AA  BF
C6C8 : AA AA AA AA AA AA AA AA  C7
C6D0 : AA AA AA AA AA AA AA AA  CF
C6D8 : AA AA AA AA AA AA AA AA  D7
C6E0 : 20 8D 01 DD 60 20 A8 C6  FE
C6E8 : AD 00 DC 0A 0A 0A 0A 85  32
C6F0 : F9 AD 01 DC 29 0F 05 F9  AF
C6F8 : 60 A9 00 A0 FF 8C 01 DC  63
C700 : 8C 00 DC 8C 01 DD 8D 03  90
C708 : DC 8C 02 DC 8D 03 DD A5  FA
C710 : 8D 8D 20 D0 A9 37 85 01  22
C718 : 58 60 0D 11 20 44 41 53  D6
C720 : 20 45 50 52 4F 4D 20 49  B4
C728 : 53 54 20 46 45 52 54 49  41
C730 : 47 20 47 45 42 52 41 4E  5A
C738 : 4E 54 20 21 0D 00 00 00  AD
C740 : 00 00 00 00 00 00 00 00  41
C748 : 00 00 00 00 00 00 00 00  49
```

GAMES SUCHEN

Programın asıl amacı diskette bulunan oyunların listesini vermektir. Bunu yaparken hangi programın hangi diskette olduğunu, hangi side'da olduğunu ve blok sayısını verir. Programda F tuşları bütün işleri görür.

-F1- (Spiel Suchen)

Oyunları tek tek aramaya yardımcı olur. Burada en önemli şey oyunun adının tam olarak yazılmasıdır. Yeni program kısaltma kabul etmez. Örn: Rim*,Rim.....vb.

-F3- (Liste Zeigen)

Burada oyunları yaptığınız sıraya göre görebilirsiniz. Bir bakıma son aldığınız oyunları öğrenebilirsiniz. F1 1 arttırır. F5 10 arttırır, F3 1 azaltır, F7 10 azaltır. W. F1'in görevini yapar.

-F5- (Program Beenden)

Burada programın sona erip ermeyeceği sorulur. (Bist du sicher-Emin misin?) Burada ya evet (J), ya da hayır (N) diye cevap vermelisiniz.

Bu programda data satırları şu ilkeyle yazılmıştır:

49999 Data 3, "Tobeontop",
"2"/1, "A"/2, "199"/3

Girilen 3 özellik olduğu için Data'dan sonra 3 sayısını koyuyoruz. Eğer girilen 5 özellik olsaydı 5 yazacaktık.

50000 Data 4, "Tobeontop", "Kaset:5", "Yüz:2", "Sayaç:0-48"
"Konu:Müzik"

Bu şekilde bir data hem kasete hem diskete uyarlanabilir. Tabii kaset yerine disket, sayaç yerine blok yazacaksınız. Ama ilk önce 626. satırı değiştirmek gerekir. Aradaki

626:If x$ ":" AND x$ "=" Then GOTO 629

Tire ve iki nokta yerine [-, karakterlerini koyabilirsiniz. Böylece programın aklı karışmamış olur!

Nice iyi oyunların programıma doldurulması dileğiyle...

```
PROGRAM ADI : GAMES SUCHEN

00001 POKE  650,128                                          (174)
00010 DIM  AN$(300),P$(300,10),AN(300),W$
      (300)                                                  (072)
00011 POKE 53281,0:POKE 53280,0:PRINT "{C
      TRL-6}"                                                (080)
00012 GOSUB  30000                                           (008)
00020 H0$="{RVSON}{CTRL-8}...S P I E L...
      S P I E L...S P I E L...."                             (164)
00021 H1$="{RVSON}{CTRL-3}.................
      M E N U ..................."                           (024)
00022 H2$="{RVSON}{CTRL-8}...S P I E L...
      S P I E L...S P I E L...."                             (182)
00023 H3$="{RVSON}{C=8}.............SPIEL
       SUCHEN................."                             (002)
00024 H4$="{RVSON}{C=3}.................ANL
      EITUNG..................."                            (184)
00025 H5$="{RVSON}{CTRL-7}.............LI
      STE ZEIGEN..............."                            (022)
00026 H6$="{C=2}{HOME}{23DOWN}{21RIGHT}{R
      VSON}RETURN = ZURUECK{HOME}"                           (214)
00027 H7$="{C=1}{HOME}{21DOWN}{8RIGHT}{RV
      SON}W = NOCHMAL Q M = MENUE{CTRL-6}
      "                                                      (051)
00028 H8$="RETURN"                                           (087)
00030 A0$="++R******R*********************
      *****S++++"                                            (239)
00031 A1$="++Q NAME:Q{25SPACE}Q++++"                         (133)
00032 A2$="++Q DISK:Q{25SPACE}Q++++"                         (207)
00033 A3$="++Q SIDE:Q{25SPACE}Q++++"                         (091)
00034 A4$="++Q BLOK:Q{25SPACE}Q++++"                         (169)
00035 A5$="++Q{6SPACE}Q{25SPACE}Q++++"                       (236)
00036 A6$="++Q*************************
      *****W++++"                                            (088)
00037 A7$="++Z******R*********************
      *****R++++"                                            (099)
00038 A8$="++Q{6SPACE}Q{25SPACE}Q++++"                       (007)
00040 G1$="{CTRL-8}++{RVSON}F1 = +10 Q F3
       = -10{RVSOFF}++++++++++++++++++++"                    (145)
00041 G2$="{CTRL-6}++{RVSON}F5 = +01 Q F7
       = -01{RVSOFF}++++++++++++++++++++"                    (187)
00050 G3$="{CTRL-8}++{RVSON}W =WEITER Q M
      =MENUE{RVSOFF}++++++++++++++++++++"                    (252)
00099 GOSUB  10000                                           (079)
00100 PRINT  "{CLR}{CTRL-6}":POKE 648,21G
      OSUB 12000:PRINT "{HOME}":H0$:H1$                      (089)
00105 FOR  W=0  TO  500:NEXT                                 (160)
00106 PRINT  "{3DOWN}{11RIGHT}{RVSON}{CTR
      L-8}BITTE WAEHLEN SIE!"                                (148)
```

```
00107 FOR  WW=0  TO  500:NEXT                                  (162)
00108 PRINT  "{2DOWN}{11RIGHT}{RVSON}{CTR
      L-6}F1 -{2SPACE}SPIEL SUCHEN{CTRL-6
      }"                                                       (189)
00109 FOR  WW=0  TO  500:NEXT                                  (164)
00110 PRINT  "{2DOWN}{11RIGHT}{RVSON}{CTR
      L-6}F3 -{2SPACE}LISTE ZEIGEN{CTRL-6
      }"                                                       (073)
00111 FOR  WW=0  TO  500:NEXT                                  (166)
00112 PRINT  "{2DOWN}{11RIGHT}{RVSON}{CTR
      L-6}F5 -{5SPACE}ANLEITUNG{CTRL-6}"                       (004)
00113 FOR  WW=0  TO  500:NEXT                                  (168)
00114 PRINT  "{2DOWN}{11RIGHT}{RVSON}{CTR
      L-6}F7 -{2SPACE}PRG. BEENDEN{CTRL-6
      }"                                                       (231)
00150 GET  A$:IF  A$=""  THEN  150                             (088)
00155 IF  A$="{F1}"  THEN  500                                 (126)
00160 IF  A$="{F3}"  THEN  1000                                (250)
00165 IF  A$="{F7}"  THEN  10000                               (076)
00170 IF  A$="{F5}"  THEN  20000                               (148)
00180 GOTO  150                                                (180)
00500 PRINT "{CLR}":PRINT H0$;H3$                              (121)
00510 PRINT "{CTRL-6}{3DOWN}{2RIGHT}BITTE
      GEBEN SIE DEN NAMEN DES GE-              (045)
00511 PRINT "{DOWN}{2RIGHT}SUCHTEN PROGRA
      MMS EIN."                                                (229)
00515 INPUT "{DOWN}{2RIGHT}NAME:";N$                           (063)
00520 FOR  T=1  TO  X                                          (148)
00530 :  IF N$=AN$(T)  THEN  NR=T:N1=AN(T
      ):GOTO  600                                              (131)
00540 NEXT                                                     (042)
00549 PRINT "{CLR}":PRINT H0$;H3$                              (172)
00550 PRINT "{2DOWN}{2RIGHT}{CTRL-6}DAS P
      ROGRAMM {CTRL-3}"";N$;""{CTRL-6}                         (184)
00551 PRINT "{DOWN}{2RIGHT}IST NICHT IM S
      PEICHER VORHANDEN.":GOTO  633                            (200)
00600 PRINT "{CLR}":PRINT H0$;H3$                              (223)
00610 PRINT "{CTRL-6}{2DOWN}{2RIGHT}FUER
      DAS PROGRAMM {CTRL-3}"";AN$(NR);"{
      CTRL-6}                                                  (242)
00615 PRINT "{DOWN}{2RIGHT}SIND FOLGENDE
      SPIEL'S VORHANDEN:":PRINT "{2DOWN}"                      (128)
00620 FOR  W=1  TO  N1                                         (002)
00621 :  W$(W)=P$(NR,W)                                        (243)
00622 NEXT  W                                                  (054)
00623 Z=1                                                      (132)
00624 :FOR T=1  TO  LEN(W$(Z))                                 (023)
00625 :  X$=MID$(W$(Z),T,1):                                   (059)
00626 :  IF X$<>"-" AND X$<>":" THEN GOTO
       629                                                     (182)
00627 :  G$=LEFT$(W$(Z),T)+"SIDE & BLOK:"
      +RIGHT$(W$(Z),LEN(W$(Z))-T):                             (061)
00628 :  W$(Z)=G$                                              (111)
00629 :NEXT T:                                                 (001)
00630 PRINT "DISK NO:";W$(Z)                                   (034)
00631 Z=Z+1:IF  Z=N1+1  THEN  GOTO  633                        (056)
00632 GOTO 624                                                 (252)
00633 PRINT H7$                                                (020)
00650 GET  A$:IF  A$=""  THEN  650                             (240)
00660 IF  A$="W" THEN GOTO 500                                 (220)
00670 IF  A$="M" THEN GOTO 100                                 (201)
00680 GOTO  650                                                (220)
01000 PRINT "{CLR}":PRINT "{CTRL-6}":GOS
      UB 12000:PRINT H0$;H5$:PRINT "{CTRL
      -6}":NE=1                                                (068)
01010 PRINT "{DOWN}"A0$;A1$;A6$;A2$;A5$;A
      3$;A6$;A4$;A6$;A5$;A6$;A8$;A7$                           (192)
01030 PRINT G1$;G2$;G3$:                                       (155)
01031 I$="000"+RIGHT$(STR$(NE),LEN(STR$(N
      E))-1):I$=RIGHT$(I$,3):PRINT "{HOME
      }{3DOWN}NR."I$                                           (209)
01040 PRINT  "{HOME}{5DOWN}{8RIGHT}{2DOWN
      }{2RIGHT}"AN$(NE)                                        (198)
01045 FOR  T=1  TO  AN(NE):PRINT "{DOWN}{
      10RIGHT}"P$(NE,T):NEXT                                   (121)
01050 GET  A$:IF  A$=""  THEN  1050                            (085)
01051 IF A$="{F1}" AND NE<300 THEN NE=NE+
      10:PRINT "{HOME}{5DOWN}":GOTO 1010                       (056)
01052 IF A$="{F3}" AND NE>10 THEN NE=NE-1
      0:PRINT "{HOME}{5DOWN}":GOTO 1010                        (052)
01053 IF A$="{F5}" AND NE<300 THEN NE=NE+
      1:PRINT "{HOME}{5DOWN}":GOTO 1010                        (212)
01054 IF A$="{F7}" AND NE>1 THEN NE=NE-1:
      PRINT "{HOME}{5DOWN}":GOTO 1010                          (189)
01055 IF  A$="W"  THEN  NE=NE+1:PRINT "{H
      OME}{5DOWN}":GOTO 1010                                   (040)
01057 IF  A$="M"  THEN  GOTO  100                              (088)
01058 GOTO  1050                                               (142)
09999 END                                                      (095)
10000 X=1:REM  **** EINLESERROUTINE ****                       (287)
10001 READ  AN:AN(X)=AN:IF  AN=-1  THEN
      RETURN                                                   (024)
10002 READ  AN$(X)                                             (079)
10003 FOR  I=1  TO  AN:READ  P$(X,I):NEXT
                                                               (055)
10004 X=X+1:GOTO  10001                                        (240)
12000 POKE 646,5:FOR  I=1024  TO  2023:PO
      KE I,102:NEXT :RETURN                                    (178)
18000 PRINT  "{CLR}"                                           (208)
18001 FOR WW=1024 TO 2023:POKE WW,95:NEXT
       :PRINT "{10DOWN}{10RIGHT}BIST DU S
      ICHER?"                                                  (211)
18002 GET  A$:IF  A$=""  THEN  18002                           (245)
18003 IF  A$="J"  THEN  19100                                  (127)
18004 IF  A$="N"  THEN  100                                    (024)
18005 GOTO  18002                                              (062)
19100 PRINT "{CLR}{RVSON}{CTRL-6} TURKCE
      OLARAK GERI SAYIM ISLEMI BASLADI"                        (167)
19101 FOR  QQ=0  TO  500:NEXT                                  (216)
19102 PRINT  "{18SPACE}ON{20SPACE}"                            (238)
19103 FOR  QQ=0  TO  500:NEXT                                  (210)
19104 PRINT  "{2UP}{15SPACE}DOKUZ{20SPACE
      }"                                                       (029)
19105 FOR  QQ=0  TO  500:NEXT                                  (226)
19106 PRINT  "{2UP}{15SPACE}SEKIZ{20SPACE
      }"                                                       (197)
19107 FOR  QQ=0  TO  500:NEXT                                  (222)
19108 PRINT  "{2UP}{16SPACE}YEDI{20SPACE}
      "                                                        (081
19109 FOR  QQ=0  TO  500:NEXT                                  (224)
19110 PRINT  "{2UP} .6SPACE}ALTI{20SPACE}
      "                                                        (224)
19111 FOR  QQ=0  TO  500:N=  T                                 (226)
19112 PR.  T  "{2UP}{17SPACE}BES{20SPACE}"                     (199)
19113 FOR  QQ=0  TO  500:NEXT                                  (228)
19114 PRINT  "{2UP}{16SPACE}DORT{20SPACE}
      "                                                        (058)
19115 FOR  QQ=0  TO  500:NEXT                                  (230)
19116 PRINT  "{2UP}{18SPACE}UC{20SPACE}"                       (026)
19117 FOR  QQ=0  TO  500:NEXT                                  (232)
19118 PRINT  "{2UP}{17SPACE}IKI{20SPACE}"                      (136)
19119 FOR  QQ=0  TO  500:NEXT                                  (234)
19120 PRINT  "{2UP}{17SPACE}BIR{20SPACE}"                      (208)
19121 FOR  QQ=0  TO  500:NEXT                                  (236)
19122 PRINT  "{2UP}{15SPACE}SIFIR{20SPACE
      }"                                                       (178)
19123 SYS 64767                                                (195)
20000 PRINT "{CLR}":PRINT H2$;H4$:PRINT
      CHR$(142)                                                (241)
20001 PRINT  "{DOWN}{7SPACE}BU PROGRAM HA
      KAN ISIN TARAFINDAN                                      (251)
20002 PRINT  "{DOWN}{4SPACE}06-07/1988 TA
      RIHLERINDE YAZILMISTIR                                   (076)
20003 PRINT  "{2DOWN}{6SPACE}PROGRAMIN AS
      IL AMACI KENDINIZE                                       (231)
20004 PRINT  "{DOWN}{4SPACE}AIT OLAN OYUN
      LARIN VEYA DOSYALARIN                                    (038)
20005 PRINT  "{DOWN}{4SPACE}BELLI ISIM VE
      YA ISIMLER ALTINDA                                       (090)
20006 PRINT  "{DOWN}{4SPACE}BAKLANDIKTAN
      SONRA GERI CAGRILMA-                                     (155)
20007 PRINT  "{DOWN}{4SPACE}SIDIR,":GOSUB
       21000                                                   (167)
20008 PRINT  "{DOWN}{6SPACE}BU GERI CAGIR
      MA ISLEMI SIRASIN-                                       (212)
20009 PRINT  "{DOWN}{4SPACE}DA PROGRAM DI
      SKETTE OLAN OYUNLAR                                      (235)
20010 PRINT  "{DOWN}{4SPACE}ICIN DISKET N
```

```
      OSUNU, SIDE NOSUNU,                          <239>
20011 PRINT  "<DOWN><4SPACE>BLOK SAYISINI
       VERECEKTIR.                                 <118>
20012 PRINT  "<DOWN><6SPACE>KASETTE KULLA
      NANLAR ICIN KUCUK                            <072>
20013 PRINT  "<DOWN><4SPACE>DEGISIKLIKLER
       ISIN SORUNUNU KOKUN-                        <029>
20014 PRINT  "<DOWN><4SPACE>DEN HALLEDECE
      KTIR.":GOSUB  21000:GOTO  100                <100>
20999 END                                          <173>
21000 PRINT  "<4DOWN><4RIGHT><RVSON><CTRL
      -6>RETURN<RVSOFF>"                           <021>
21001 GET  A$:IF  A$=""  THEN  21001               <032>
21002 IF  A$<>CHR$(13)  THEN  21001                <066>
21003 IF  A$=CHR$(13)  THEN 21010                  <025>
21004 GOTO  21001                                  <036>
21010 PRINT  "<CLR>":H2$:H4$:RETURN                <224>
29999 END                                          <027>
30000 REM  **** TITEL ****                         <050>
30001 W=160:XX=1024:YY=2023:PRINT "<CLR>"          <177>
30002 FOR  Q=0  TO  39:POKE XX+Q,W:NEXT            <133>
30003 FOR  WQ=0  TO  500:NEXT                      <244>
30004 FOR  Q=0  TO  39:POKE YY-Q,W:NEXT
                                                   <191>
30015 PRINT  "<3DOWN><4RIGHT><RVSON>D I S
       K S , D I S K S , D I S K S"                <106>
30016 POKE  54296,15:POKE  54278,240:POKE
        54273,50:POKE  54276,17                    <137>
30026 FOR  TT=0  TO  500:NEXT :POKE 54296
      ,0:FOR  P=0  TO  70:NEXT                     <014>
30037 PRINT  "<3DOWN><5RIGHT>LAUTER SPIEL
      EDISKS FUER DEN C 64"                        <108>
30038 POKE  54296,15:POKE  54278,240:POKE
        54273,50:POKE  54276,19                    <163>
30048 FOR  TT=0  TO  500:NEXT :POKE 54296
      ,0:FOR  P=0  TO  70:NEXT                     <036>
30059 PRINT  "<3DOWN><4RIGHT>GESAMMELT VO
      N <RVSON><CTRL-6> HAKAN ISIN <RVSOF
      F> UND IN"                                   <227>
30060 POKE  54296,15:POKE  54278,240:POKE
        54273,50:POKE  54276,19                    <185>
30061 FOR  TT=0  TO  500:NEXT :POKE 54296
      ,0:FOR  P=0  TO  70:NEXT                     <049>
30071 PRINT  "<3DOWN><4RIGHT>EINEM PROGRA
      MM ZUSAMMENGEFASST!!."                       <180>
30072 POKE  54296,15:POKE  54278,240:POKE
        54273,50:POKE  54276,21                    <182>
30082 FOR  TT=0  TO  500:NEXT :POKE 54296
      ,0:FOR  P=0  TO  70:NEXT                     <070>
30085 PRINT  "<3DOWN><4RIGHT><RVSON>D I S
       K S , D I S K S , D I S K S"                <176>
30086 POKE  54296,15:POKE  54278,240:POKE
        54273,50:POKE  54276,17                    <207>
30087 FOR  TT=0  TO  500:NEXT :POKE 54296
      ,0:FOR  P=0  TO  70:NEXT                     <075>
30094 WAIT  653,4                                  <081>
30095 W=102                                        <016>
30096 FOR  R=1064  TO  1983:POKE R,W:NEXT
                                                   <214>
30097 WAIT  653,4                                  <084>
30098 PRINT  "<HOME><12DOWN><14RIGHT><RVS
      ON><CTRL-8><2SPACE>READING<2SPACE><
      CTRL-6>"                                     <221>
30099 FOR  RR=0  TO  100:NEXT :RETURN              <034>
49999 DATA 3,"RIMRUNNER","8","2","100"             <164>
50000 DATA 3,"TOBEONTOP","19","1","201"            <022>
50010 DATA 3,"BMX KIDZ","1","2","169"              <073>
50015 DATA -1                                      <112>
54296 ,0                                           <242>
```

GRAPHIC DEMO

M.SAFA YEPREM

```
PROGRAM ADI : DEMO

00001 POKE 53280,0:POKE 53281,0                                    (129)
00002 PRINT "{C=7}{CLR}{5DOWN}{12RIGHT}GR
      APHIC DEMO-5"                                                (137)
00003 PRINT "{4DOWN}{4RIGHT}M.SAFA YEPREM
       TO HOGO SOFTWARE"                                           (229)
00004 PRINT "{9DOWN}{4RIGHT}{C} 1988 YILI
      NDA YAPILMISTIR."                                            (016)
00005 PRINT "{2DOWN}{RVSON}{CTRL-8}SPACE'
      E BASINIZ"                                                   (227)
00006 GET T$:IF T$="" THEN 6                                       (037)
00100 CRT=1024:HT=24:WD=40:PRINT "{CLR}"                           (009)
00110 VIC=53248:POKE VIC+33,0                                      (066)
00120 WIDTH=38:X={WD-4-WI}/2+2:REM     +3                          (014)
00130 HEIGHT=23:Y={HT-HE}/2+1                                      (160)
00140 C$="{HOME}{25DOWN}"                                          (145)
00150 DIM CH$(22)                                                  (121)
00160 FOR J=0 TO 22:READ CH$(J):NEXT J                             (121)
00170 C1=1:C2=2:C3=3:C5=5:C7=7                                     (029)
00180 RX=INT(RND(1)*WI/2)                                          (101)
00190 RY=INT(RND(2)*HE/2+1)                                        (142)
00200 CH$=CH$(INT(RND(1)*23))                                      (133)
00210 PRINT LEFT$("{CTRL-2}{CTRL-3}{CTRL-
      4}{CTRL-5}{CTRL-6}{CTRL-7}{CTRL-8}{
      C=1}",RND(1)*8+1);                                           (092)
00220 PRINT LEFT$(C$,Y+RY);TAB(X+RX);MID$
      (CH$,C1,C2);                                                 (136)
00230 PRINT TAB(X+WI-RX-1);MID$(CH$,C3,C2
      );                                                           (123)
00240 PRINT LEFT$(C$,Y+HE-RY+1);TAB(X+RX)
      ;MID$(CH$,C5,C2);                                            (103)
00250 PRINT TAB(X+WI-RX-1);MID$(CH$,C7,C2
      );                                                           (144)
00260 FOR L=1 TO 10*S                                              (086)
00270 GET S$:IF S$="0" THEN END                                    (021)
00280 IF S$="" THEN NEXT L                                         (240)
00290 L=VAL(S$):IF L>0 OR S$="0" THEN S=9
      -L                                                           (234)
00300 GOTO 100                                                     (102)
00310 DATA "{RVSOFF}R{RVSON}R{RVSOFF}R{RV
      SON}R","{RVSON}R{RVSOFF}R{RVSON}R{R
      VSOFF}R"                                                     (043)
00320 DATA "{RVSOFF}T{RVSOFF}T{RVSON}T{RV
      SON}T","{RVSON}T{RVSON}T{RVSOFF}T{R
      VSOFF}T"                                                     (216)
00330 DATA "{RVSOFF}E{RVSOFF}E{RVSON}E{RV
      SON}E","{RVSON}E{RVSON}E{RVSOFF}E{R
      VSOFF}E"                                                     (164)
00340 DATA "{RVSOFF}E{RVSOFF}E{RVSON}E{RV
      SON}E","{RVSON}E{RVSON}E{RVSOFF}E{R
      VSOFF}E"                                                     (037)
00350 DATA "{RVSOFF}D{RVSOFF}F{RVSOFF}C{R
      VSOFF}Q","{RVSON}D{RVSON}F{RVSON}C{
      RVSON}Q"                                                     (081)
00360 DATA "{RVSOFF}C{RVSOFF}Q{RVSOFF}Q{R
      VSOFF}D","{RVSON}C{RVSON}Q{RVSON}D{
      RVSON}F"                                                     (183)
00370 DATA "{RVSOFF}F{RVSOFF}D{RVSOFF}Q{R
      VSOFF}C","{RVSON}F{RVSON}D{RVSON}Q{
      RVSON}C"                                                     (049)
00380 DATA "{RVSOFF}Q{RVSOFF}C{RVSOFF}F{R
      VSOFF}D","{RVSON}Q{RVSON}C{RVSON}F{
      RVSON}D"                                                     (044)
00390 DATA "{RVSOFF}B{RVSON}B{RVSON}B{RVS
      OFF}B","{RVSON}B{RVSOFF}B{RVSOFF}B{
      RVSON}B"                                                     (237)
00400 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}","{RVSON} {RVS
      ON} {RVSON} {RVSON} "                                        (203)
00410 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}","{RVSOFF}{SHI
      FT-SPACE}{RVSOFF}{SHIFT-SPACE}{RVSO
      FF}{SHIFT-SPACE}{RVSOFF}{SHIFT-SPAC
      E}"                                                          (246)
00420 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}"                                        (058)
```

GRAPHIC DEMO-1

Bu kısa program, çalışma süresi olan 10 dakika içinde şekilleri kendisi seçmek üzere çalışır. çizdiği ana hatlar düz çizgilerden ibarettir. Öyleyse bir an önce yazıp çalıştırın.

```
PROGRAM ADI : DEMO1

00001 POKE 53280,0:POKE 53281,0                          (129)
00002 PRINT "{C=7}{CLR}{5DOWN}{12RIGHT}GR
      APHIC DEMO-5"                                      (137)
00003 PRINT "{4DOWN}{4RIGHT}M.SAFA YEPREM
       TO HOGO SOFTWARE"                                 (229)
00004 PRINT "{8DOWN}{4RIGHT}(C) 1988 YILI
      NDA YAPILMISTIR."                                  (016)
00005 PRINT "{2DOWN}{RVSON}{CTRL-6}SPACE'
      E BASINIZ"                                         (227)
00006 GET T$:IF T$="" THEN 6                             (037)
00100 CRT=1024:HT=24:WD=40:PRINT "{CLR}"                 (009)
00110 VIC=53248:POKE VIC+33,0                            (066)
00120 WIDTH=38:X=(WD-4-WI)/2+2:REM     +3                (014)
00130 HEIGHT=23:Y=(HT-HE)/2+1                            (160)
00140 C$="{HOME}{25DOWN}"                                (145)
00150 DIM CH$(22)                                        (121)
00160 FOR J=0 TO 22:READ CH$(J):NEXT J                   (121)
00170 C1=1:C2=2:C3=3:C5=5:C7=7                           (029)
00180 RX=INT(RND(1)*WI/2)                                (101)
00190 RY=INT(RND(2)*HE/2+1)                              (142)
00200 CH$=CH$(INT(RND(1)*23))                            (133)
00210 PRINT LEFT$("{CTRL-2}{CTRL-3}{CTRL-
      4}{CTRL-5}{CTRL-6}{CTRL-7}{CTRL-8}{
      C=1}",RND(1)*8+1);                                 (092)
00220 PRINT LEFT$(C$,Y+RY);TAB(X+RX);MID$
      (CH$,C1,C2)                                        (136)
00230 PRINT TAB(X+WI-RX-1);MID$(CH$,C3,C2
      )                                                  (123)
00240 PRINT LEFT$(C$,Y+HE-RY+1);TAB(X+RX)
      ;MID$(CH$,C5,C2);_                                 (103)
00250 PRINT TAB(X+WI-RX-1);MID$(CH$,C7,C2
      )                                                  (144)
00260 FOR L=1 TO 10*S                                    (086)
00270 GET S$:IF S$="0" THEN END                          (021)
00280 IF S$="" THEN NEXT L                               (240)
00290 L=VAL(S$):IF L>0 OR S$="0" THEN S=9
      -L                                                 (234)
00300 GOTO 100                                           (102)

00310 DATA "{RVSOFF}R{RVSON}R{RVSOFF}R{RV
      SON}R","{RVSON}R{RVSOFF}R{RVSON}R{R
      VSOFF}R"                                           (043)
00320 DATA "{RVSOFF}T{RVSOFF}T{RVSON}T{RV
      SON}T","{RVSON}T{RVSON}T{RVSOFF}T{R
      VSOFF}T"                                           (216)
00330 DATA "{RVSOFF}£{RVSOFF}£{RVSON}£{RV
      SON}£","{RVSON}£{RVSON}£{RVSOFF}£{R
      VSOFF}£"                                           (164)
00340 DATA "{RVSOFF}£{RVSOFF}£{RVSON}£{RV
      SON}£","{RVSON}£{RVSON}£{RVSOFF}£{R
      VSOFF}£"                                           (037)
00350 DATA "{RVSOFF}Ö{RVSOFF}F{RVSOFF}Ç{R
      VSOFF}Ü","{RVSON}Ö{RVSON}F{RVSON}Ç{
      RVSON}Ü"                                           (091)
00360 DATA "{RVSOFF}Ç{RVSOFF}Ü{RVSOFF}Ü{R
      VSOFF}Ö","{RVSON}Ç{RVSON}Ü{RVSON}Ö{
      RVSON}F"                                           (183)
00370 DATA "{RVSOFF}F{RVSOFF}Ö{RVSOFF}Ü{R
      VSOFF}Ç","{RVSON}F{RVSON}Ö{RVSON}Ü{
      RVSON}Ç"                                           (049)
00380 DATA "{RVSOFF}Ü{RVSOFF}Ç{RVSOFF}F{R
      VSOFF}Ö","{RVSON}Ü{RVSON}Ç{RVSON}F{
      RVSON}Ö"                                           (044)
00390 DATA "{RVSOFF}Ğ{RVSON}Ğ{RVSON}Ğ{RVS
      OFF}Ğ","{RVSON}Ğ{RVSOFF}Ğ{RVSOFF}Ğ{
      RVSON}Ğ"                                           (237)
00400 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}","{RVSON} {RVS
      ON} {RVSON} {RVSON} "                              (203)
00410 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}","{RVSOFF}{SHI
      FT-SPACE}{RVSOFF}{SHIFT-SPACE}{RVSO
      FF}{SHIFT-SPACE}{RVSOFF}{SHIFT-SPAC
      E}"                                                (246)
00420 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}"                              (058)
```

GRAPHIC DEMO-2

Bu programın 1.sinden farkı kaba çizgiler yerine ince ve farklı çizgiler çizerek, labirenti andıran bir görünüm vermesidir. Eğer isterseniz programın sonundaki datalardaki karakterleri değiştirerek farklı görünümler elde edebilirsiniz...

```
PROGRAM ADI : DEMO2

00001 POKE 53280,0:POKE 53281,0                          (129)
00002 PRINT "{C=7}{CLR}{5DOWN}{12RIGHT}GR
      APHIC DEMO-5"                                      (137)
00003 PRINT "{4DOWN}{4RIGHT}M.SAFA YEPREM
       TO HOGO SOFTWARE"                                 (229)
00004 PRINT "{8DOWN}{4RIGHT}(C) 1988 YILI
      NDA YAPILMISTIR."                                  (016)
00005 PRINT "{2DOWN}{RVSON}{CTRL-6}SPACE'
      E BASINIZ"                                         (227)
00006 GET T$:IF T$="" THEN 6                             (037)
00100 CRT=1024:HT=24:WD=40:PRINT "{CLR}"                 (009)
00110 VIC=53248:POKE VIC+33,0                            (066)
00120 WIDTH=38:X=(WD-4-WI)/2+2:REM     +3                (014)
00130 HEIGHT=23:Y=(HT-HE)/2+1                            (160)
00140 C$="{HOME}{25DOWN}"                                (145)
00150 DIM CH$(22)                                        (121)
00160 FOR J=0 TO 22:READ CH$(J):NEXT J                   (121)
00170 C1=1:C2=2:C3=3:C5=5:C7=7                           (029)
00180 RX=INT(RND(1)*WI/2)                                (101)
00190 RY=INT(RND(2)*HE/2+1)                              (142)
00200 CH$=CH$(INT(RND(1)*23))                            (133)
00210 PRINT LEFT$("{CTRL-2}{CTRL-3}{CTRL-
      4}{CTRL-5}{CTRL-6}{CTRL-7}{CTRL-8}{
      C=1}",RND(1)*8+1);                                 (092)
00220 PRINT LEFT$(C$,Y+RY);TAB(X+RX);MID$
      (CH$,C1,C2)                                        (136)
00230 PRINT TAB(X+WI-RX-1);MID$(CH$,C3,C2
      )                                                  (123)
00240 PRINT LEFT$(C$,Y+HE-RY+1);TAB(X+RX)
      ;MID$(CH$,C5,C2);                                  (103)
```

```
00250 PRINT TAB(X+WI-RX-1);MID$(CH$,C7,C2
      )                                    (144)
00260 FOR L=1 TO 10*S                      (086)
00270 GET S$:IF S$="" THEN END             (021)
00280 IF S$="" THEN NEXT L                 (248)
00290 L=VAL(S$):IF L>0 OR S$="0" THEN S=S
      -L                                   (234)
00300 GOTO 100                             (102)
00310 DATA "<RVSOFF>E<RVSON>E<RVSOFF>E<RV
      SON>E",*<RVSON>E<RVSOFF>E<RVSON>E<R
      VSOFF>E"                             (043)
00320 DATA "<RVSOFF>T<RVSOFF>T<RVSON>T<RV
      SON>T",*<RVSON>T<RVSON>T<RVSOFF>T<R
      VSOFF>T"                             (216)
00330 DATA "<RVSOFF>&<RVSOFF>&<RVSON>&<RV
      SON>&",*<RVSON>&<RVSON>&<RVSOFF>&<R
      VSOFF>&"                             (164)
00340 DATA "<RVSOFF>&<RVSOFF>&<RVSON>&<RV
      SON>&",*<RVSON>&<RVSON>&<RVSOFF>&<R
      VSOFF>&"                             (037)
00350 DATA "<RVSOFF>Q<RVSOFF>F<RVSOFF>Q<R
      VSOFF>Q",*<RVSON>Q<RVSON>F<RVSON>Q<
      RVSON>Q"                             (091)
00360 DATA "<RVSOFF>Q<RVSOFF>Q<RVSOFF>Q<R
      VSOFF>Q",*<RVSON>Q<RVSON>Q<RVSON>Q<
      RVSON>Q"                             (183)
00370 DATA "<RVSOFF>F<RVSOFF>Q<RVSOFF>Q<R
      VSOFF>E",*<RVSON>F<RVSON>Q<RVSON>Q<
      RVSON>E"                             (049)
00380 DATA "<RVSOFF>Q<RVSOFF>E<RVSOFF>F<R
      VSOFF>E",*<RVSON>Q<RVSON>E<RVSON>F<
      RVSON>E"                             (044)
00390 DATA "<RVSOFF>B<RVSON>B<RVSON>B<RVS
      OFF>B",*<RVSON>B<RVSOFF>B<RVSOFF>B<
      RVSON>B"                             (237)
00400 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>",*<RVSON> <RVS
      ON> <RVSON> <RVSON> "                (203)
00410 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>",*<RVSOFF><SHI
      FT-SPACE><RVSOFF><SHIFT-SPACE><RVSO
      FF><SHIFT-SPACE><RVSOFF><SHIFT-SPAC
      E>"                                  (246)
00420 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>"                (058)
```

GRAPHIC DEMO-3

Bu program ise hafizada tasarlandıktan sonra simetrik figürler çizmeyi amaçlıyor. Her şekil arasında biraz da olsa zaman aralığı vardır. Çünkü bir şeklin çizimini bitirdikten hemen sonra öteki şeklin dizaynını yapmaya başlamaktadır. O halde çabucak yazıp çalıştırın.

```
PROGRAM ADI : DEMO3

00001 POKE 53280,0:POKE 53281,0            (129)
00002 PRINT "<C=7><CLR><5DOWN><12RIGHT>GR
      APHIC DEMO-3"                        (137)
00003 PRINT "<4DOWN><4RIGHT>M.SAFA YEPREM
       TO HOBO SOFTWARE"                   (229)
00004 PRINT "<5DOWN><4RIGHT><C) 1988 YILI
      NDA YAPILMISTIR."                    (816)
00005 PRINT "<8DOWN><RVSON><CTRL-6>SPACE'
      E BASINIZ"                           (227)
00006 GET T$:IF T$="" THEN 6               (037)
00100 CRT=1024:HT=24:WD=40:PRINT "<CLR>"   (068)
00110 VIC=53248:POKE VIC+33,8              (066)
00120 WIDTH=38:HE=(WD-4-WI)/2+2:REM    +3  (014)
00130 HEIGHT=23:RY=(HT-HE)/2+1             (168)
00140 C$="<HOME><25DOWN>"                  (145)
00150 DIM CH$(22)                          (121)
00160 FOR J=0 TO 22:READ CH$(J):NEXT J     (121)
00170 C1=1:C2=2:C3=3:C5=5:C7=7             (028)
00180 RX=INT(RND(1)*WI/2)                  (161)
00190 RY=INT(RND(2)*HE/2+1)                (142)
00200 CH$=CH$(INT(RND(1)*23))              (133)
00210 PRINT LEFT$("<CTRL-2><CTRL-3><CTRL-
      4><CTRL-5><CTRL-6><CTRL-7><CTRL-8><
      C=1>",RND(1)*8+1);                   (092)
00220 PRINT LEFT$(C$,Y+RY);TAB(X+RX);MID$
      (CH$,C1,C2);                         (136)
00230 PRINT TAB(X+WI-RX-1);MID$(CH$,C3,C2
      )                                    (123)
00240 PRINT LEFT$(C$,Y+HE-RY+1);TAB(X+RX)
      ;MID$(CH$,C5,C2);                    (183)
00250 PRINT TAB(X+WI-RX-1);MID$(CH$,C7,C2
      )                                    (144)
00260 FOR L=1 TO 10*S                      (066)
00270 GET S$:IF S$="" THEN END             (021)
00280 IF S$="" THEN NEXT L                 (248)
00290 L=VAL(S$):IF L>0 OR S$="0" THEN S=S
      -L                                   (234)
00300 GOTO 100                             (102)
00310 DATA "<RVSOFF>E<RVSON>E<RVSOFF>E<RV
      SON>E",*<RVSON>E<RVSOFF>E<RVSON>E<R
      VSOFF>E"                             (043)
00320 DATA "<RVSOFF>T<RVSOFF>T<RVSON>T<RV
      SON>T",*<RVSON>T<RVSON>T<RVSOFF>T<R
      VSOFF>T"                             (216)
00330 DATA "<RVSOFF>&<RVSOFF>&<RVSON>&<RV
      SON>&",*<RVSON>&<RVSON>&<RVSOFF>&<R
      VSOFF>&"                             (164)
00340 DATA "<RVSOFF>&<RVSOFF>&<RVSON>&<RV
      SON>&",*<RVSON>&<RVSON>&<RVSOFF>&<R
      VSOFF>&"                             (037)
00350 DATA "<RVSOFF>Q<RVSOFF>F<RVSOFF>Q<R
      VSOFF>Q",*<RVSON>Q<RVSON>F<RVSON>Q<
      RVSON>Q"                             (091)
00360 DATA "<RVSOFF>Q<RVSOFF>Q<RVSOFF>Q<R
      VSOFF>Q",*<RVSON>Q<RVSON>Q<RVSON>Q<
      RVSON>Q"                             (183)
00370 DATA "<RVSOFF>F<RVSOFF>Q<RVSOFF>Q<R
      VSOFF>E",*<RVSON>F<RVSON>Q<RVSON>Q<
      RVSON>E"                             (049)
00380 DATA "<RVSOFF>Q<RVSOFF>E<RVSOFF>F<R
      VSOFF>E",*<RVSON>Q<RVSON>E<RVSON>F<
      RVSON>E"                             (044)
00390 DATA "<RVSOFF>B<RVSON>B<RVSON>B<RVS
      OFF>B",*<RVSON>B<RVSOFF>B<RVSOFF>B<
      RVSON>B"                             (237)
00400 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>",*<RVSON> <RVS
      ON> <RVSON> <RVSON> "                (203)
00410 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>",*<RVSOFF><SHI
      FT-SPACE><RVSOFF><SHIFT-SPACE><RVSO
      FF><SHIFT-SPACE><RVSOFF><SHIFT-SPAC
      E>"                                  (246)
00420 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>"                (058)
```

GRAPHIC DEMO-4

Bu program ise klavyedeki karakterler kullanılmak şartıyla yapılmış bir patlayan volkan animasyonudur.

```
PROGRAM ADI : DEMO4

00001 POKE 53280,0:POKE 53281,0                    (129)
00002 PRINT "{C=7}{CLR}{5DOWN}{12RIGHT}GR
      APHIC DEMO-5"                                (137)
00003 PRINT "{4DOWN}{4RIGHT}M.SAFA YEPREM
       TO HOBO SOFTWARE"                           (228)
00004 PRINT "{9DOWN}{4RIGHT}(C) 1988 YILI
      NDA YAPILMISTIR."                            (016)
00005 PRINT "{2DOWN}{RVSON}{CTRL-6}SPACE'
      E BASINIZ"                                   (227)
00006 GET T$:IF T$="" THEN 6                       (037)
00100 CRT=1024:HT=24:WD=40:PRINT "{CLR}"           (009)
00110 VIC=53248:POKE VIC+33,0                      (066)
00120 WIDTH=38:X=(WD-4-WI)/2+2:REM     +3          (014)
00130 HEIGHT=23:Y=(HT-HE)/2+1                      (160)
00140 C$="{HOME}{25DOWN}"                          (145)
00150 DIM CH$(22)                                  (121)
00160 FOR J=0 TO 22:READ CH$(J):NEXT J             (121)
00170 C1=1:C2=2:C3=3:C5=5:C7=7                     (029)
00180 RX=INT(RND(1)*WI/2)                          (161)
00190 RY=INT(RND(2)*HE/2+1)                        (142)
00200 CH$=CH$(INT(RND(1)*23))                      (133)
00210 PRINT LEFT$("{CTRL-2}{CTRL-3}{CTRL-
      4}{CTRL-5}{CTRL-6}{CTRL-7}{CTRL-8}{
      C=1}",RND(1)*8+1);                           (092)
00220 PRINT LEFT$(C$,Y+RY);TAB(X+RX);MID$
      (CH$,C1,C2);                                 (136)
00230 PRINT TAB(X+WI-RX-1);MID$(CH$,C3,C2
      )                                            (123)
00240 PRINT LEFT$(C$,Y+HE-RY+1);TAB(X+RX)
      ;MID$(CH$,C5,C2);                            (103)
00250 PRINT TAB(X+WI-RX-1);MID$(CH$,C7,C2
      )                                            (144)
00260 FOR L=1 TO 10*S                              (006)
00270 GET S$:IF S$="Q" THEN END                    (021)
00280 IF S$="" THEN NEXT L                         (240)
00290 L=VAL(S$):IF L>0 OR S$="0" THEN S=9
      -L                                           (234)
00300 GOTO 100                                     (102)
00310 DATA "{RVSOFF}R{RVSON}R{RVSOFF}R{RV
      SON}R","{RVSON}R{RVSOFF}R{RVSON}R{R
      VSOFF}R"                                     (043)
00320 DATA "{RVSOFF}T{RVSOFF}T{RVSON}T{RV
      SON}T","{RVSON}T{RVSON}T{RVSOFF}T{R
      VSOFF}T"                                     (216)
00330 DATA "{RVSOFF}E{RVSOFF}E{RVSON}E{RV
      SON}E","{RVSON}E{RVSON}E{RVSOFF}E{R
      VSOFF}E"                                     (184)
00340 DATA "{RVSOFF}E{RVSOFF}E{RVSON}E{RV
      SON}E","{RVSON}E{RVSON}E{RVSOFF}E{R
      VSOFF}E"                                     (037)
00350 DATA "{RVSOFF}F{RVSOFF}F{RVSOFF}F{R
      VSOFF}F","{RVSON}F{RVSON}F{RVSON}F{
      RVSON}F"                                     (091)
00360 DATA "{RVSOFF}F{RVSOFF}F{RVSOFF}F{R
      VSOFF}F","{RVSON}F{RVSON}F{RVSON}F{
      RVSON}F"                                     (183)
00370 DATA "{RVSOFF}F{RVSOFF}F{RVSOFF}F{R
      VSOFF}F","{RVSON}F{RVSON}F{RVSON}F{
      RVSON}F"                                     (048)
00380 DATA "{RVSOFF}F{RVSOFF}F{RVSOFF}F{R
      VSOFF}F","{RVSON}F{RVSON}F{RVSON}F{
      RVSON}F"                                     (044)
00390 DATA "{RVSOFF}F{RVSON}F{RVSON}F{RVS
      OFF}F","{RVSON}F{RVSOFF}F{RVSOFF}F{
      RVSON}F"                                     (237)
00400 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}","{RVSON} {RVS
      ON} {RVSON} {RVSON} "                        (203)
00410 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}","{RVSOFF}{SHI
      FT-SPACE}{RVSOFF}{SHIFT-SPACE}{RVSO
      FF}{SHIFT-SPACE}{RVSOFF}{SHIFT-SPAC
      E}"                                          (246)
00420 DATA "{RVSOFF}{SHIFT-SPACE}{RVSOFF}
      {SHIFT-SPACE}{RVSOFF}{SHIFT-SPACE}{
      RVSOFF}{SHIFT-SPACE}"                        (058)
```

GRAPHIC DEMO-5

Bu programda ise klavyedeki karakterler kullanılarak karşılıklı değişik grafikler sergilenmektedir.

```
PROGRAM ADI : DEMO5

00001 POKE 53280,0:POKE 53281,0                    (129)
00002 PRINT "{C=7}{CLR}{5DOWN}{12RIGHT}GR
      APHIC DEMO-5"                                (137)
00003 PRINT "{4DOWN}{4RIGHT}M.SAFA YEPREM
       TO HOBO SOFTWARE"                           (229)
00004 PRINT "{9DOWN}{4RIGHT}(C) 1988 YILI
      NDA YAPILMISTIR."                            (016)
00005 PRINT "{2DOWN}{RVSON}{CTRL-6}SPACE'
      E BASINIZ"                                   (227)
00006 GET T$:IF T$="" THEN 6                       (037)
00100 CRT=1024:HT=24:WD=40:PRINT "{CLR}"           (009)
00110 VIC=53248:POKE VIC+33,0                      (066)
00120 WIDTH=38:X=(WD-4-WI)/2+2:REM     +3          (014)
00130 HEIGHT=23:Y=(HT-HE)/2+1                      (160)
00140 C$="{HOME}{25DOWN}"                          (145)
00150 DIM CH$(22)                                  (121)
00160 FOR J=0 TO 22:READ CH$(J):NEXT J             (121)
00170 C1=1:C2=2:C3=3:C5=5:C7=7                     (029)
00180 RX=INT(RND(1)*WI/2)                          (161)
00190 RY=INT(RND(2)*HE/2+1)                        (142)
00200 CH$=CH$(INT(RND(1)*23))                      (133)
00210 PRINT LEFT$("{CTRL-2}{CTRL-3}{CTRL-
      4}{CTRL-5}{CTRL-6}{CTRL-7}{CTRL-8}{
      C=1}",RND(1)*8+1);                           (092)
00220 PRINT LEFT$(C$,Y+RY);TAB(X+RX);MID$
      (CH$,C1,C2);                                 (136)
00230 PRINT TAB(X+WI-RX-1);MID$(CH$,C3,C2
      )                                            (123)
00240 PRINT LEFT$(C$,Y+HE-RY+1);TAB(X+RX)
      ;MID$(CH$,C5,C2);                            (103)
00250 PRINT TAB(X+WI-RX-1);MID$(CH$,C7,C2
      )                                            (144)
00260 FOR L=1 TO 10*S                              (006)
00270 GET S$:IF S$="Q" THEN END                    (021)
00280 IF S$="" THEN NEXT L                         (240)
00290 L=VAL(S$):IF L>0 OR S$="0" THEN S=9
```

```
      -L                                                    (234)
00300 GOTO 100                                              (102)
00310 DATA "<RVSOFF><R><RVSON><R><RVSOFF><R><RV
      SON><R>","<RVSON><R><RVSOFF><R><RVSON><R><R
      VSOFF><R>"                                            (043)
00320 DATA "<RVSOFF><T><RVSOFF><T><RVSON><T><RV
      SON><T>","<RVSON><T><RVSON><T><RVSOFF><T><R
      VSOFF><T>"                                            (216)
00330 DATA "<RVSOFF><L><RVSOFF><=><RVSON><=><RV
      SON><L>","<RVSON><L><RVSON><=><RVSOFF><=><R
      VSOFF><L>"                                            (164)
00340 DATA "<RVSOFF><=><RVSOFF><L><RVSON><^><RV
      SON><=>","<RVSON><=><RVSON><L><RVSOFF><L><R
      VSOFF><=>"                                            (037)
00350 DATA "<RVSOFF><B><RVSOFF><F><RVSOFF><C><R
      VSOFF><V>","<RVSON><B><RVSON><F><RVSON><C><
      RVSON><V>"                                            (091)
00360 DATA "<RVSOFF><C><RVSOFF><V><RVSOFF><V><R
      VSOFF><B>","<RVSON><C><RVSON><V><RVSON><B><
      RVSON><F>"                                            (183)
00370 DATA "<RVSOFF><F><RVSOFF><B><RVSOFF><V><R
      VSOFF><C>","<RVSON><F><RVSON><B><RVSON><V><
      RVSON><F>"                                            (049)
00380 DATA "<RVSOFF><V><RVSOFF><C><RVSOFF><F><R
      VSOFF><B>","<RVSON><V><RVSON><C><RVSON><F><
      RVSON><B>"                                            (044)
00390 DATA "<RVSOFF><B><RVSON><B><RVSON><B><RVS
      OFF><B>","<RVSON><B><RVSOFF><B><RVSOFF><B><
      RVSON><B>"                                            (237)
00400 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>","<RVSON> <RVS
      ON> <RVSON> <RVSON> "                                 (283)
00410 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>","<RVSOFF><SHI
      FT-SPACE><RVSOFF><SHIFT-SPACE><RVSO
      FF><SHIFT-SPACE><RVSOFF><SHIFT-SPAC
      E>"                                                   (248)
00420 DATA "<RVSOFF><SHIFT-SPACE><RVSOFF>
      <SHIFT-SPACE><RVSOFF><SHIFT-SPACE><
      RVSOFF><SHIFT-SPACE>"                                 (058)
```

DİSKTE FILE SİLME VE DİSKİ TOPARLAMA

Doç.Dr. FETHİ ERALP

Commodore 64 için verilen bu program, herhangi bir disketteki istenilen file'i silmek ve silme bitince disketteki boşalan blokları doldurmak içindir. Böylece işlem sonunda diskette boş blok sayısı artırılmış olur ve dolayısıyla ile ekonomik kullanım sağlanmış olur.

Kullanılan Disket Sürücüsü Commodore 1541'dir. Verilen program Commodore 64'de yazılır (ya da hazır disket Teleteknik'ten temin edilebilir).

Monitöre program yüklenince, sıra ile, aşağıdaki işlemler yapılır:

Önce file'lerinin silinmesi istenen disketi protect'siz olarak sürücüye yerleştiriniz. RUN RETURN yapılınca monitörde şunlar çıkar:

FİLE SİLME

HANGİ SÜRÜCÜ (0/1) ?
0 a basınız (1'e değil)
PRESS 'E' FILE'I SİL
E'ye basınca
File'in adı SİL ? E
Böylece bu file silinmiştir
File'in adı SİL ? H
Böylece bu file silinmemiştir.

Sıra ile silineceklere ve silinmeyeceklere E ya da H harflerinden birine basınız. Sona gelince ekranda görülenler:

SİLME TAMAMLANDI
DİSKİ TOPARLA E/H

DİSK TOPARLANIYOR

Bitince READY çıkar. İşlem bitmiştir. Bu disket kontrol edilince geri kalan (yeni silinmeyen) file'lar ile birlikte diskette kaç FREE BLOK kaldığı görülebilir. Diğer yandan hep E'ye basılırsa bütün File'ler silinir ve free blok sayısı 664 olur.

Örnek olarak: Bir diskette Blok sayıları sıra ile 15, 60, 80, 100 olan file'ler var ise, 409 Free Block vardır. Bunlardan 15 ve 80 Block luk File'ler silinir ve toparlama yapılmaz ise Free Block sayısı yine 409 kalır. Toparlama yapılırsa Free Block sayısı 504'de yükselir.

```
PROGRAM ADI : FILE SILME

00010 REM    ***********************      <067>
00012 REM    * DIISKTE FILE SILME *      <054>
00015 REM    *          VE        *      <053>
00020 REM    *  DISKI  TOPARLAMA  *      <193>
00030 REM    ***********************      <087>
00032 REM                                 <031>
00035 REM                                 <097>
00040 PRINT  "<CLR><RVSON>FILE SILME"     <139>
00050 PRINT :PRINT "HANGI SURUCU(0/1) ?<R
      VSON> <RVSOFF><LEFT>";              <068>
00060 GET  DR$:IF  DR$<>"0"  AND  DR$<>"1
      "  THEN  60                         <109>
00070 PRINT  DR$:D=VAL(DR$)               <025>
00080 DR$= "I"+DR$:OPEN  15,8,15,DR$      <039>
00090 GOSUB  450                          <138>
00100 OPEN  1,8,3,"#":GOSUB  460          <145>
```

Commodore

```
00110 PRINT :PRINT  "PRESS '(RVSON)E(RVSOF
      F)'FILE'I SIL":PRINT                  (186)
00120 Z$=CHR$(0)                            (112)
00130 T=18:S=1                              (285)
00140 PRINT#15,"U1:"3;0;T;S                 (091)
00150 PRINT#15,"B-P:"3;2+32*R               (038)
00160 GET #1,A$:IF  A$=""  THEN  A$=Z$      (225)
00170 IF  ASC(A$)<129  THEN  270            (160)
00180 FOR  K=5+32*R  TO  20+32*R            (097)
00190 PRINT#15,"B-P:"3;K                    (092)
00200 GET #1,A$:IF  A$=""  THEN  PRINT "<
      RVSON> (RVSOFF)":GOTO  220            (140)
00210 PRINT  A$;                            (235)
00220 NEXT                                  (238)
00230 PRINT  ,,"SIL ? (RVSON) (RVSOFF)(LE
      FT)"!                                 (186)
00240 GET A$:IF A$<>"E"  AND  A$<>"H"  TH
      EN 240                                (208)
00250 PRINT  A$                             (172)
00260 IF  A$="E"  THEN  GOSUB  380          (169)
00270 R=R+1:IF  R<8  THEN  140              (084)
00280 PRINT#15,"B-P:"3;0                    (242)
00290 GET #1,A$:IF A$="" THEN A$=Z$         (101)
00300 T=ASC(A$):IF  T=0  THEN  PRINT :PRI
      NT  "SILME TAMAMLANDI."               (099)
00305 GOTO  400                             (003)
00310 PRINT#15,"B-P:"3;1                    (080)
00320 GET #1,A$:IF A$="" THEN A$=Z$         (131)
00330 S=ASC(A$):PRINT :PRINT  "*** NEXT T
      RACK: ";                              (118)
00335 NU=T:GOSUB  520:PRINT  N$;            (111)
00340 PRINT  TAB(20);"NEXT SECTOR: ";:NU=
      S:GOSUB  520                          (099)
00345 PRINT  N$;" ***":PRINT                (233)
00350 R=0:GOTO 140                          (022)
00360 PRINT#15,"B-P:"3;5+32*R-3             (211)
00370 PRINT#1,CHR$(0);                      (218)
00380 PRINT#15,"U2:"3;0;T;S                 (078)
00390 GOSUB 460:RETURN                      (157)
00400 CLOSE  1                              (157)
00405 PRINT  "DISKI TOPARLA E/H"            (138)
00406 GET  V$:IF  V$="E" THEN 410           (140)
00407 IF  V$="" THEN  406                   (042)
00408 CLOSE 15:END                          (095)
00410 PRINT :PRINT  "(RVSON)DISK TOPARLAN
      IYOR(RVSOFF)"                         (089)
00420 PRINT#15,("V"+DR$)                    (221)
00430 GOSUB 460:CLOSE  15                   (105)
00440 END                                   (109)
00450 REM  DISK DURUMUNU KONTROL            (049)
00460 INPUT#15,ER,ER$,TR,SE                 (174)
00470 IF  ER=0  THEN  RETURN                (024)
00480 CLOSE  15:CLOSE  1                    (071)
00490 PRINT :PRINT  "(DOWN)DISK HATASI! "
      ;                                     (071)
00500 PRINT  ER;ER$;TR;SE                   (119)
00510 STOP                                  (068)
00520 REM  FORMAT IS                        (089)
00530 N$=MID$(STR$(NU),2)                   (020)
00540 IF  LEN(N$)<2  THEN  N$="0"+N$        (132)
00550 RETURN                                (100)
```

BULMACA ÇÖZ

Programımız çeşitli boyutlarda verilebilen harf (veya sayı) kümesinin içinden istediğimiz sözcükleri (veya sayıları) bulup çıkarır. Aranan sözcükler soldan sağa, sağdan sola, yukardan aşağıya, aşağıdan yukarıya, soldan sağa doğru yukarı çapraz, soldan sağa doğru aşağıya çapraz, sağdan sola yukarıya çapraz, sağdan sola aşağıya çapraz olmak üzere 8 ayrı yönde olabilirler. Her yön ayrı ayrı incelenebilir.

Sizin yapacağınız, karışık harfleri ve aranan sözcükleri bilgisayara vermektir. Eğer bulunan sözcük bir daha aranmayacak ise "TEKRAR (E/H)" sorusuna "H" diye cevap verin. Ve böylece aranan sözcük bir daha aranmaz, can sıkıcı beklemeden kurtuluruz.

Sözcük bulununca satır X ve sütun Y yazar. Demek ki bu sözcük X. satırın Y. sütunundan başlıyormuş. Ama hangi yöne doğru? İşte bu da ekranın en üstünde yazıyor. (Tabii ilerleyen kelimeler yüzünden ekran kaymamışsa).

Tekrar yoksa, yani cevap "H" ise, en son sayfada kalan sözcükler bu haritanın içinde yok demektir. (Bazı bulmacalarda bu istenebiliyor.)

Programın listesi biraz uzun ama genel başlıklar altında olaylar aynı olduğu için kolay yazılıyor (ben de öyle yazdım).

Programı kullanmakta pek zorluk çekeceğinizi de hiç sanmıyorum. Ama yine de bir derdiniz olursa 325 37 29'dayım.

Bol ikramiyeli günler dilerim.

```
PROGRAM ADI : BULMACA COZ

00010 PRINT "<CLR><CTRL-3><DOWN>":POKE 5
      3280,3:POKE 53281,1                    (283)
00020 PRINT "<3SPACE>BU PROGRAM N*M BOYUT
      UNDAKI ALANDA<DOWN>"                   (184)
00030 PRINT TAB(6)"ISTENILEN SOZCUKLERI A
      RAR.<DOWN>"                            (087)
00040 PRINT TAB(8)"<CTRL-7>HAZIRLAYAN : A
      LI KAYA<DOWN>":PRINT TAB(11)"14.ABU
      STOS.1988<2DOWN>"                      (018)
00060 INPUT "SOLDAN SAGA KAC HANE ";N:IF
       N>25 OR N<1 THEN PRINT "<UP>":
      :GOTO 50                               (160)
00070 INPUT "YUKARIDAN ASAGIYA KAC HANE "
      ;M:IF M>24 OR M<1 THEN PRINT "
      <UP>":GOTO 70                          (024)
00080 DIM A$(M,N):PRINT "<CLR>":FOR I=
      1 TO M                                 (034)
00100 A$="":PRINT "<CLR>";I;"<LEFT>.SATIR
      ( ":D$:INPUT A$:IF LEN(A$)<>N
      OR A$="" THEN 100                      (214)
00110 FOR J=1 TO N:A$(I,J)=MID$(A$,J,1
      ):NEXT J                               (182)
00130 NEXT I:PRINT "<CLR>HARITA.....<DO
      WN>":FOR I=1 TO M:FOR J=1 TO N:PRIN
      T A$(I,J);:NEXT J                      (020)
00140 PRINT "<DOWN><UP>":NEXT I              (255)
00150 INPUT "<DOWN>KAC GRUP VAR = ";G:IF
       G<1 THEN PRINT "<2UP>";:GOTO 150      (281)
00160 DIM U(G),S$(G,100),S(100):FOR I=1
      TO G                                   (238)
00170 PRINT "<DOWN>";I;"<LEFT>.GRUP";:IN
      PUT " KAC KARAKTER UZUNLUGUNDA = ";
      Z:U(I)=Z                               (283)
00180 IF Z<1 THEN PRINT "<2UP>";:GOTO
       170                                   (241)
00190 NEXT I:FOR I=1 TO G:PRINT "<DOW
      N>GRUP";I                              (238)
00200 PRINT "<DOWN>";U(I);"UZUNLUGUNDA KA
      C SOZCUK VAR = ";:INPUT S(I)           (247)
00210 IF S(I)<1 OR S(I)>100 THEN PRI
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      NT "(2UP)":GOTO 200                                    (119)
00220 FOR J=1 TO S(I)                                        (181)
00230 PRINT J"(LEFT).SOZCUK =":INPUT S$
      (I,J):IF LEN(S$(I,J))<>U(I) THEN PR
      INT "(UP)":GOTO 230                                    (030)
00240 NEXT J:NEXT I                                          (145)
00245 V$="":INPUT "(CLR)TEKRAR VAR MI (E/
      H) ":V$:IF (V$<>"E" AND V$<>"H")
      OR V$="" THEN 245                                      (039)
00247 IF V$="H" THEN DIM T$(M,N)                             (152)
00250 PRINT "(CLR)(CTRL-3)"TAB(14)"ARANAN
      LAR"                                                   (042)
00260 FOR I=1 TO G:PRINT "GRUP";I;" ->
      (2SPACE)UZUNLUGU";U(I):PRINT                           (115)
00270 FOR J=1 TO S(I):PRINT S$(I,J);"
      ";:NEXT J:PRINT "(2LEFT) "                             (088)
00280 PRINT TAB(9)"(DOWN)(CTRL-1)DOGER GR
      UP ICIN (RETURN)"                                      (068)
00290 GET Q$:IF Q$<>CHR$(13) THEN 290                        (070)
00300 PRINT "(CLR)":NEXT I                                   (033)
00310 PRINT "(CLR)(6SPACE)***(2SPACE)SOLD
      AN SAGA TARAMA(2SPACE)***(DOWN)"                       (148)
00320 FOR I=1 TO G:FOR J=1 TO S(I):PRINT
      "(RVSON)"S$(I,J)"(RVSOFF)":FOR O=1
       TO M:FOR K=1 TO N:L=0:X$=""                           (122)
00330 IF A$(O,K)<>MID$(S$(I,J),L,1) THE
      N 370                                                  (171)
00340 IF K+L>N THEN 390                                      (018)
00350 X$=X$+A$(O,K+L):L=L+1:IF L<>U(I)
      THEN 340                                               (021)
00360 IF X$=S$(I,J) THEN PRINT " ...SATIR
      ";O;"...SUTUN";K:IF V$="H" THEN
      T$(I,J)="E"                                            (040)
00365 IF X$=S$(I,J) THEN 390                                 (183)
00370 NEXT K                                                 (216)
00380 NEXT O                                                 (002)
00390 GOSUB 10000                                            (116)
00400 NEXT J                                                 (238)
00420 NEXT I                                                 (250)
00430 PRINT "(CLR)(6SPACE)***(2SPACE)SAGD
      AN SOLA TARAMA(2SPACE)***(DOWN)":FO
      R I=1 TO G                                             (020)
00440 FOR J=1 TO S(I):Y$="":FOR T=U(I
      ) TO 1 STEP -1:Y$=Y$+MID$(S$(I,J
      ),T,1):NEXT T                                          (010)
00442 IF T$(I,J)="E" THEN 530                                (088)
00445 PRINT "(RVSON)"S$(I,J)"(RVSOFF)":F
      OR O=1 TO M:FOR K=1 TO N:L=0:X$=""                     (151)
00450 IF A$(O,K)<>MID$(Y$,L,1) THEN 49
      0                                                      (089)
00460 IF K+L>N THEN 500                                      (110)
00470 X$=X$+A$(O,K+L):L=L+1:IF L<>U(I)
      THEN 460                                               (151)
00480 IF X$=Y$ THEN PRINT " ...SATIR";O
      ;"...SUTUN";K+U(I)-1:IF V$="H" THEN
        T$(I,J)="E"                                          (141)
00485 IF X$=Y$ THEN 510                                      (045)
00490 NEXT K                                                 (086)
00500 NEXT O                                                 (122)
00510 GOSUB 10000                                            (236)
00530 NEXT J                                                 (114)
00540 NEXT I                                                 (116)
00550 PRINT "(CLR)(3SPACE)***(2SPACE)YUKA
      RIDAN ASAGIYA TARAMA(2SPACE)***(DOW
      N)":FOR I=1 TO G:FOR J=1 TO S
      (I)                                                    (110)
00555 IF T$(I,J)="E" THEN 640                                (085)
00560 PRINT "(RVSON)"S$(I,J)"(RVSOFF)":F
      OR O=1 TO M:FOR K=1 TO N:L=0:
      X$=""                                                  (012)
00570 IF A$(O,K)<>MID$(S$(I,J),L,1) THE
      N 610                                                  (085)
00580 IF O+L>M THEN 620                                      (145)
00590 X$=X$+A$(O+L,K):L=L+1:IF L<>U(I)
      THEN 580                                               (003)
00600 IF X$=S$(I,J) THEN PRINT " ...SATI
      R";O;"..SUTUN";K:IF V$="H" THEN T$(
      I,J)="E"                                               (199)
00605 IF X$=S$(I,J) THEN 630                                 (103)
00610 NEXT K                                                 (202)
00620 NEXT O                                                 (244)
00630 GOSUB 10000                                            (102)
00640 NEXT J                                                 (224)
00650 NEXT I                                                 (236)
00670 PRINT "(CLR)(3SPACE)***(2SPACE)ASAG
      IDAN YUKARIYA TARAMA(2SPACE)***(DOW
      N)":FOR I=1 TO G:FOR J=1 TO S
      (I)                                                    (042)
00673 IF T$(I,J)="E" THEN 760                                (077)
00675 Y$="":FOR T=U(I) TO 1 STEP -1:
      Y$=Y$+MID$(S$(I,J),T,1):NEXT T                         (085)
00680 PRINT "(RVSON)"S$(I,J)"(RVSOFF)":F
      OR O=1 TO M:FOR K=1 TO N:L=0:
      X$=""                                                  (132)
00690 IF A$(O,K)<>MID$(Y$,L,1) THEN 73
      0                                                      (018)
00700 IF O+L>M THEN 740                                      (019)
00710 X$=X$+A$(O+L,K):L=L+1:IF L<>U(I)
      THEN 700                                               (095)
00720 IF X$=Y$ THEN PRINT " ...SATIR";O
      +U(I)-1;"..SUTUN";K:IF V$="H" THEN
      T$(I,J)="E"                                            (199)
00725 IF X$=Y$ THEN 750                                      (051)
00730 NEXT K                                                 (066)
00740 NEXT O                                                 (108)
00750 GOSUB 10000                                            (222)
00760 NEXT J                                                 (088)
00780 NEXT I                                                 (102)
00790 PRINT "(CLR) ***(2SPACE)SOLDAN SAGA
       CARPRAZ ASAGI(2SPACE)***(DOWN)":FO
      R I=1 TO G:FOR J=1 TO S(I)                             (240)
00795 IF T$(I,J)="E" THEN 880                                (076)
00800 PRINT "(RVSON)";S$(I,J);"(RVSOFF)";
      :FOR O=1 TO M:FOR K=1 TO N:L=
      0:X$=""                                                (012)
00810 IF A$(O,K)<>MID$(S$(I,J),L,1) THE
      N 850                                                  (151)
00820 IF O+L>M OR K+L>N THEN 860                             (240)
00830 X$=X$+A$(O+L,K+L):L=L+1:IF L<>U(I)
        THEN 820                                             (075)
00840 IF X$=S$(I,J) THEN PRINT " ...SATIR
      ";O;"SUTUN";K:IF V$="H" THEN T$(I,
      J)="E"                                                 (253)
00845 IF X$=S$(I,J) THEN 870                                 (220)
00850 NEXT K                                                 (188)
00860 NEXT O                                                 (230)
00870 GOSUB 10000                                            (008)
00880 NEXT J                                                 (210)
00900 NEXT I                                                 (222)
00910 PRINT "(CLR)(2SPACE)***(2SPACE)SAGD
      AN SOLA CARPRAZ YUKARI(2SPACE)***(D
      OWN)":FOR I=1 TO G:FOR J=1 TO
       S(I)                                                  (128)
00913 IF T$(I,J)="E" THEN 1000                               (246)
00915 Y$="":FOR T=U(I) TO 1 STEP -1:
      Y$=Y$+MID$(S$(I,J),T,1):NEXT T                         (247)
00920 PRINT "(RVSON)";S$(I,J);"(RVSOFF)";
      :FOR O=1 TO M:FOR K=1 TO N:L=
      0:X$=""                                                (189)
00930 IF A$(O,K)<>MID$(Y$,L,1) THEN 97
      0                                                      (135)
00940 IF O+L>M OR K+L>N THEN 980                             (242)
00950 X$=X$+A$(O+L,K+L):L=L+1:IF L<>U(I)
        THEN 940                                             (235)
00960 IF X$=Y$ THEN PRINT " ..SATIR";O+U(
      I)-1;"SUTUN";K+U(I)-1:IF V$="H" THE
      N T$(I,J)="E"                                          (240)
00965 IF X$=Y$ THEN 980                                      (057)
00970 NEXT K                                                 (052)
00980 NEXT O                                                 (094)
00990 GOSUB 10000                                            (208)
01000 NEXT J                                                 (074)
01010 NEXT I                                                 (076)
01020 PRINT "(CLR)(2SPACE)***(2SPACE)SOLD
      AN SAGA CARPRAZ YUKARI(2SPACE)***(D
      OWN)":FOR I=1 TO G:FOR J=1 TO
      S(I)                                                   (018)
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Commodore

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01025 IF  T$(I,J)="E"  THEN  1110                    (107)
01030 PRINT "{RVSON}"I$(I,J)I"{RVSOFF}"I
      :FOR  O=M  TO  1  STEP  -1:FOR  K=1
        TO  N:L=0:X$=""                              (206)
01040 IF  A$(O,K)<>MID$(S$(I,J),1,1)  THE
      N  1080                                        (004)
01050 IF  O-L<1  OR  K+L>N  THEN  1090               (170)
01060 X$=X$+A$(O-L,K+L):L=L+1:IF  L<>U(I)
        THEN  1050                                   (151)
01070 IF  X$=S$(I,J)  THEN PRINT " ...SAT
      IR"I0I"SUTUN"IK:IF V$="H" THEN  T$
      (I,J)="E"                                      (229)
01075 IF  X$=S$(I,J)  THEN  1100

                                                     (095)
01080 NEXT  K                                        (164)
01090 NEXT  O                                        (206)
01100 GOSUB  10000                                   (064)
01110 NEXT  J                                        (186)
01120 NEXT  I                                        (188)
01130 PRINT "{CLR}{3SPACE}***{2SPACE}SAGD
      AN SOLA CARPRAZ ASAG!{2SPACE}***{DO
      WN}"!FOR  I=1  TO  G!FOR  J=1  TO S
      (I)                                            (034)
01133 IF  T$(I,J)="E"  THEN  1220                    (218)
01135 Y$=""!FOR  T=U(I)  TO  1  STEP  -1!
      Y$=Y$+MID$(S$(I,J),T,1):NEXT  T                (213)
01140 PRINT "{RVSON}"I$(I,J)I"{RVSOFF}"I
      :FOR  O=M  TO  1  STEP  -1:FOR  K=1
        TO  N:L=0:X$=""                              (068)
01150 IF  A$(O,K)<>MID$(Y$,1,1)  THEN  11
      90                                             (201)
01160 IF  O-L<1  OR  K+L>N  THEN  1200               (089)
01170 X$=X$+A$(O-L,K+L):L=L+1:IF  L<>U(I)
        THEN  1160                                   (053)
01180 IF X$=Y$ THEN PRINT " ..SATIR"IO-U(
      I)+1"SUTUN"K+U(I)-1:IF V$="H" THEN
      T$(I,J)="E"                                    (045)
01185 IF X$=Y$ THEN 1210

                                                     (246)
01190 NEXT  K                                        (018)
01200 NEXT  O                                        (068)
01210 GOSUB  10000                                   (174)
01220 NEXT  J                                        (048)
01230 NEXT  I                                        (042)
09999 END                                            (095)
10000 PRINT "{DOWN}"TAB(15)"{CTRL-3}F1{CT
      RL-1}"                                         (088)
10010 GET  R$:IF  R$<>"{F1}"  THEN  10010            (184)
10020 PRINT "{UP}"TAB(15)"{2SPACE}":RETUR
      N                                              (090)
```

C-64 İÇİN EK

PROGRAM ADI : EYLUL EK 2

```
00005 REM  PROGRAM-2                                    (237)
00010 PRINT  "LUTFEN BEKLEYIN..."                       (163)
00020 A=PEEK(55)+256*PEEK(56)                           (192)
00030 A=A-160:HB=INT(A/256)                             (050)
00040 POKE  55,A-256*HB:POKE 56,HB                      (225)
00050 POKE 766,A-256*HB:POKE 767,HB                     (034)
00060 RESTORE:I=0:T=0                                   (203)
00070 READ  V:T=T+V:I=I+1:IF  I<159  THEN
      70                                                (197)
00080 IF  T<> 19451  THEN PRINT  "DATA S
      ATIRLARINDA HATA VAR":END                         (013)
00090 RESTORE : I=0                                     (053)
00100 READ  V:POKE  A+I,V:I=I+1:IF  I<158
      THEN  100                                         (123)
00110 A=A+100:HB=INT(A/256):POKE  1020,76                (017)
00120 POKE 1021,A-256*HB:POKE 1022,HB                   (198)
00130 PRINT  "PROGRAM HAFIZA:A YERLESTI":
      NEW                                               (161)
00140 DATA  72,138,72,152,72,198,250,208,
      79,169,60,133                                     (000)
00150 DATA  250,165,252,141,24,212,165,25
      1,141,38,216,141                                  (014)
00160 DATA  39,216,169,32,141,38,4,141,39
      ,4,165,253                                        (060)
00170 DATA  72,74,74,74,74,9,48,201,48,24
      0,3,141                                           (212)
00180 DATA  38,4,104,41,15,9,48,141,39,4,
      169,0                                             (018)
00190 DATA  141,24,212,165,253,248,56,233
      ,1,133,253,216                                    (223)
00200 DATA  201,153,208,12,162,0,134,254,
      232,134,198,169                                   (161)
00210 DATA  13,141,119,2,104,168,104,170,1
      04,76,158,2                                       (055)
00220 DATA  234,234,234,234,234,234,173,2
      0,3,141,159,2                                     (078)
00230 DATA  173,21,3,141,160,2,165,253,24
      0,11,170,248                                      (023)
00240 DATA  169,0,24,105,1,202,208,250,21
      6,133,253,169                                     (152)
00250 DATA  1,133,250,133,254,169,76,141,
      158,2,120,173                                     (021)
00260 DATA  254,2,141,20,3,173,255,2,141,
      21,3,88                                           (254)
00270 DATA  96,0,0                                      (033)
```

PROGRAM ADI : EYLUL EK

```
00005 REM  PROGRAM-1                                    (229)
00010 FOR  I=828  TO  943:READ  A:POKE  I
      ,A:Z=Z+A:NEXT                                     (133)
00020 FOR  I=1020  TO  1021:READ A:POKE
       I,A:Z=Z+A:NEXT                                   (065)
00030 IF  Z<>16339  THEN  PRINT  "DATA SA
      TIRLARINDA HATA VAR!!":END                        (079)
00040 DATA  169,1,162,8,160,0,32,186,255,
      169                                               (103)
00050 DATA  2,162,252,160,3,32,189,255,32
      ,192                                              (142)
00060 DATA  255,162,1,32,198,255,32,170,3
      ,32                                               (107)
00070 DATA  156,3,240,53,165,198,240,19,1
      69,0                                              (102)
00080 DATA  133,198,173,119,2,201,3,240,3
      8,165                                             (041)
00090 DATA  198,240,252,169,0,133,198,169
      ,13,32                                            (034)
00100 DATA  210,255,32,207,255,170,32,207
      ,255,32                                           (136)
00110 DATA  205,189,169,32,32,210,255,32,
      207,255                                           (121)
00120 DATA  240,203,32,210,255,208,246,16
      9,1,32                                            (027)
00130 DATA  195,255,32,204,255,96,32,207,
      255,133                                           (197)
00140 DATA  251,32,207,255,5,251,96,32,17
      0,3                                               (247)
00150 DATA  32,207,255,76,207,255                       (065)
00160 DATA  36,48                                       (088)
```